

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016538.D
 Acq On : 29 Nov 2023 15:46
 Operator : SY/MD
 Sample : VY1129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1129SBS01

Quant Time: Nov 30 03:33:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.820	168	178505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	276061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	239390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	111135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	73104	51.837	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.680%			
35) Dibromofluoromethane	7.746	113	84194	51.964	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.920%			
50) Toluene-d8	10.203	98	330775	52.637	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.280%			
62) 4-Bromofluorobenzene	12.502	95	106989	54.272	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	34436	22.146	ug/l	98
3) Chloromethane	2.132	50	32656	21.053	ug/l	98
4) Vinyl Chloride	2.272	62	34844	19.902	ug/l	98
5) Bromomethane	2.674	94	24369	21.502	ug/l	96
6) Chloroethane	2.814	64	22911	20.271	ug/l	98
7) Trichlorofluoromethane	3.150	101	62898	20.752	ug/l	96
8) Diethyl Ether	3.552	74	16224	20.154	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.936	101	35899	20.865	ug/l	97
10) Methyl Iodide	4.125	142	38739	19.902	ug/l	98
11) Tert butyl alcohol	4.997	59	8761	98.015	ug/l #	88
12) 1,1-Dichloroethene	3.899	96	32620	20.287	ug/l #	80
13) Acrolein	3.759	56	15450	91.218	ug/l	99
14) Allyl chloride	4.515	41	37751	20.422	ug/l #	88
15) Acrylonitrile	5.198	53	28380	99.626	ug/l	97
16) Acetone	3.979	43	28784	103.669	ug/l #	83
17) Carbon Disulfide	4.229	76	90718	19.997	ug/l	98
18) Methyl Acetate	4.515	43	19295	18.484	ug/l #	80
19) Methyl tert-butyl Ether	5.259	73	70264	20.052	ug/l	98
20) Methylene Chloride	4.759	84	42559	24.432	ug/l #	81
21) trans-1,2-Dichloroethene	5.259	96	36268	20.251	ug/l	88
22) Diisopropyl ether	6.155	45	80571	20.787	ug/l #	85
23) Vinyl Acetate	6.094	43	182956	102.355	ug/l #	86
24) 1,1-Dichloroethane	6.052	63	56313	20.586	ug/l	97
25) 2-Butanone	7.021	43	38994	102.483	ug/l #	83
26) 2,2-Dichloropropane	7.015	77	55430	20.502	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	40100	20.841	ug/l	85
28) Bromochloromethane	7.368	49	19949	20.179	ug/l #	67
29) Tetrahydrofuran	7.381	42	19805	96.890	ug/l #	74
30) Chloroform	7.539	83	63734	20.904	ug/l	100
31) Cyclohexane	7.820	56	50191	20.272	ug/l #	76
32) 1,1,1-Trichloroethane	7.734	97	60767	20.567	ug/l	96
36) 1,1-Dichloropropene	7.948	75	48981	20.472	ug/l	97
37) Ethyl Acetate	7.106	43	15078	20.107	ug/l #	91
38) Carbon Tetrachloride	7.929	117	56359	20.070	ug/l	99
39) Methylcyclohexane	9.210	83	61030	20.450	ug/l #	86
40) Benzene	8.191	78	139227	20.523	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016538.D
 Acq On : 29 Nov 2023 15:46
 Operator : SY/MD
 Sample : VY1129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1129SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

Quant Time: Nov 30 03:33:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	8538	21.614	ug/l #	89
42) 1,2-Dichloroethane	8.265	62	34003	20.227	ug/l	89
43) Isopropyl Acetate	8.301	43	29220	19.816	ug/l #	84
44) Trichloroethene	8.966	130	42460	20.320	ug/l	96
45) 1,2-Dichloropropane	9.240	63	31119	20.329	ug/l	97
46) Dibromomethane	9.331	93	17147	19.921	ug/l	97
47) Bromodichloromethane	9.520	83	46297	20.372	ug/l	99
48) Methyl methacrylate	9.313	41	15942	19.257	ug/l #	75
49) 1,4-Dioxane	9.325	88	3367	422.027	ug/l #	66
51) 4-Methyl-2-Pentanone	10.094	43	73834	95.979	ug/l #	85
52) Toluene	10.270	92	89135	20.454	ug/l	94
53) t-1,3-Dichloropropene	10.490	75	42116	20.000	ug/l	96
54) cis-1,3-Dichloropropene	9.953	75	51435	20.156	ug/l #	83
55) 1,1,2-Trichloroethane	10.667	97	25193	20.284	ug/l	94
56) Ethyl methacrylate	10.532	69	20838	19.825	ug/l #	74
57) 1,3-Dichloropropane	10.813	76	40652	20.320	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.807	63	60921	93.729	ug/l #	86
59) 2-Hexanone	10.856	43	61854	101.793	ug/l	81
60) Dibromochloromethane	11.008	129	32712	20.150	ug/l	97
61) 1,2-Dibromoethane	11.112	107	23718	20.221	ug/l	97
64) Tetrachloroethene	10.746	164	43422	20.381	ug/l	96
65) Chlorobenzene	11.538	112	97689	20.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.612	131	36548	19.887	ug/l	98
67) Ethyl Benzene	11.612	91	172672	20.518	ug/l	99
68) m/p-Xylenes	11.721	106	132753	40.760	ug/l	92
69) o-Xylene	12.050	106	61409	20.538	ug/l	96
70) Styrene	12.063	104	89317	20.761	ug/l	97
71) Bromoform	12.227	173	18899	19.909	ug/l #	100
73) Isopropylbenzene	12.349	105	172652	20.486	ug/l	99
74) N-amyl acetate	12.166	43	23540	19.778	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.605	83	24102	19.265	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	19710m	21.123	ug/l	
77) Bromobenzene	12.630	156	38857	19.801	ug/l	88
78) n-propylbenzene	12.691	91	196620	20.392	ug/l	96
79) 2-Chlorotoluene	12.776	91	111236	20.742	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	140679	20.765	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	8323	19.453	ug/l	87
82) 4-Chlorotoluene	12.873	91	116213	21.106	ug/l	99
83) tert-Butylbenzene	13.093	119	123716	20.235	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	137107	20.787	ug/l	97
85) sec-Butylbenzene	13.270	105	177834	21.030	ug/l	98
86) p-Isopropyltoluene	13.386	119	155711	21.312	ug/l	98
87) 1,3-Dichlorobenzene	13.386	146	76692	20.697	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	75173	20.727	ug/l	99
89) n-Butylbenzene	13.715	91	137900	21.534	ug/l	96
90) Hexachloroethane	13.983	117	29428	20.644	ug/l	96
91) 1,2-Dichlorobenzene	13.757	146	66219	21.086	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3433	19.506	ug/l	78
93) 1,2,4-Trichlorobenzene	15.026	180	36853	21.262	ug/l	98
94) Hexachlorobutadiene	15.129	225	24780	22.784	ug/l	97
95) Naphthalene	15.257	128	58238	20.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	29732	21.499	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
Data File : VY016538.D
Acq On : 29 Nov 2023 15:46
Operator : SY/MD
Sample : VY1129SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1129SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023

Quant Time: Nov 30 03:33:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

