

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016591.D
 Acq On : 05 Dec 2023 12:08
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Quant Time: Dec 06 02:21:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2023
 Supervised By :Semsettin Yesilyurt 12/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	190288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	286823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	248157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	120364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	101147	57.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.020%			
35) Dibromofluoromethane	7.740	113	99657	57.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.480%			
50) Toluene-d8	10.197	98	382315	58.556	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.120%			
62) 4-Bromofluorobenzene	12.495	95	126414	58.876	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	40910	24.339	ug/l	100
3) Chloromethane	2.125	50	34585	19.834	ug/l	99
4) Vinyl Chloride	2.265	62	35610	20.222	ug/l	99
5) Bromomethane	2.662	94	23342	21.162	ug/l	97
6) Chloroethane	2.808	64	22417	20.609	ug/l	100
7) Trichlorofluoromethane	3.143	101	78112	23.465	ug/l	95
8) Diethyl Ether	3.546	74	20130	21.712	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.924	101	42454	22.805	ug/l	98
10) Methyl Iodide	4.113	142	46361	23.571	ug/l	99
11) Tert butyl alcohol	4.978	59	12404	103.511	ug/l #	84
12) 1,1-Dichloroethene	3.899	96	38312	22.655	ug/l	84
13) Acrolein	3.747	56	17111	98.218	ug/l	98
14) Allyl chloride	4.503	41	53508	20.733	ug/l #	90
15) Acrylonitrile	5.192	53	39781	106.309	ug/l	98
16) Acetone	3.966	43	47975	120.543	ug/l	98
17) Carbon Disulfide	4.216	76	101678	21.446	ug/l	99
18) Methyl Acetate	4.497	43	30809	19.529	ug/l #	88
19) Methyl tert-butyl Ether	5.247	73	95523	22.979	ug/l	96
20) Methylene Chloride	4.741	84	42320	22.250	ug/l #	86
21) trans-1,2-Dichloroethene	5.247	96	42938	22.579	ug/l	92
22) Diisopropyl ether	6.143	45	116365	21.924	ug/l	92
23) Vinyl Acetate	6.088	43	278811	109.422	ug/l	96
24) 1,1-Dichloroethane	6.039	63	71695	21.987	ug/l	96
25) 2-Butanone	7.009	43	61711	112.762	ug/l #	88
26) 2,2-Dichloropropane	7.009	77	69976	22.827	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	47428	22.657	ug/l	94
28) Bromochloromethane	7.356	49	26547	20.099	ug/l #	81
29) Tetrahydrofuran	7.374	42	31628	101.366	ug/l	90
30) Chloroform	7.527	83	79169	22.776	ug/l	94
31) Cyclohexane	7.807	56	63615	21.188	ug/l	89
32) 1,1,1-Trichloroethane	7.728	97	77997	23.710	ug/l	98
36) 1,1-Dichloropropene	7.941	75	60444	23.036	ug/l	98
37) Ethyl Acetate	7.100	43	23309	21.230	ug/l #	96
38) Carbon Tetrachloride	7.923	117	71911	23.674	ug/l	98
39) Methylcyclohexane	9.203	83	70490	22.298	ug/l	93
40) Benzene	8.179	78	167745	22.681	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016591.D
 Acq On : 05 Dec 2023 12:08
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Quant Time: Dec 06 02:21:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2023
 Supervised By :Semsettin Yesilyurt 12/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	12743	20.096	ug/l	97
42) 1,2-Dichloroethane	8.258	62	48845	22.745	ug/l	94
43) Isopropyl Acetate	8.289	43	45286	21.381	ug/l #	91
44) Trichloroethene	8.959	130	50994	22.864	ug/l	95
45) 1,2-Dichloropropane	9.234	63	38614	21.687	ug/l	94
46) Dibromomethane	9.325	93	21794	22.327	ug/l	95
47) Bromodichloromethane	9.514	83	59508	22.899	ug/l	98
48) Methyl methacrylate	9.313	41	25059	20.486	ug/l	90
49) 1,4-Dioxane	9.319	88	4260	431.175	ug/l #	59
51) 4-Methyl-2-Pentanone	10.087	43	117096	106.382	ug/l	95
52) Toluene	10.264	92	108353	23.376	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	56029	22.846	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	65566	22.763	ug/l	94
55) 1,1,2-Trichloroethane	10.660	97	30357	22.326	ug/l	97
56) Ethyl methacrylate	10.526	69	27416	21.997	ug/l	91
57) 1,3-Dichloropropane	10.807	76	51449	22.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	79333	103.288	ug/l #	88
59) 2-Hexanone	10.849	43	95036	114.134	ug/l	92
60) Dibromochloromethane	11.002	129	41932	23.081	ug/l	98
61) 1,2-Dibromoethane	11.105	107	29083	22.741	ug/l	100
64) Tetrachloroethene	10.733	164	53342	23.454	ug/l	96
65) Chlorobenzene	11.532	112	117430	23.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	46811	23.829	ug/l	99
67) Ethyl Benzene	11.605	91	207441	23.013	ug/l	98
68) m/p-Xylenes	11.715	106	161157	47.094	ug/l	94
69) o-Xylene	12.044	106	76079	23.815	ug/l	96
70) Styrene	12.056	104	108559	23.685	ug/l	99
71) Bromoform	12.221	173	25538	24.075	ug/l #	97
73) Isopropylbenzene	12.343	105	209710	23.530	ug/l	99
74) N-amyl acetate	12.154	43	37292	20.984	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	31170	21.988	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	21442m	19.721	ug/l	
77) Bromobenzene	12.623	156	50127	23.864	ug/l	88
78) n-propylbenzene	12.684	91	241662	23.296	ug/l	97
79) 2-Chlorotoluene	12.770	91	135507	23.181	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	172894	23.874	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9808	20.349	ug/l	98
82) 4-Chlorotoluene	12.867	91	137717	22.768	ug/l	96
83) tert-Butylbenzene	13.087	119	156803	24.233	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	167555	23.687	ug/l	98
85) sec-Butylbenzene	13.264	105	216504	23.824	ug/l	98
86) p-Isopropyltoluene	13.385	119	186991	23.703	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	94992	23.690	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	92439	23.490	ug/l	100
89) n-Butylbenzene	13.709	91	163411	23.034	ug/l	96
90) Hexachloroethane	13.971	117	35901	23.129	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	81889	23.787	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5135	22.636	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	44751	23.036	ug/l	99
94) Hexachlorobutadiene	15.123	225	30493	24.845	ug/l	97
95) Naphthalene	15.251	128	70742	24.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	36270	25.345	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016591.D
Acq On : 05 Dec 2023 12:08
Operator : SY/MD
Sample : VY1205SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/06/2023
Supervised By :Semsettin Yesilyurt 12/06/2023

Quant Time: Dec 06 02:21:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration

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

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

