

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015843.D
 Acq On : 05 Oct 2023 12:14
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

Quant Time: Oct 06 05:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	205741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10028	4.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.900%#		
35) Dibromofluoromethane	7.716	113	9518	4.859	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.720%#		
50) Toluene-d8	10.179	98	30653	4.820	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.640%#		
62) 4-Bromofluorobenzene	12.477	95	12779	4.916	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.840%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	4795	5.068	ug/l	95
3) Chloromethane	2.107	50	4851	4.613	ug/l	95
4) Vinyl Chloride	2.247	62	6507	4.913	ug/l #	87
5) Bromomethane	2.650	94	6071	6.644	ug/l	98
6) Chloroethane	2.790	64	4761	5.033	ug/l	96
7) Trichlorofluoromethane	3.119	101	12692	4.940	ug/l	99
8) Diethyl Ether	3.534	74	5249	4.686	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	8209	4.902	ug/l	96
10) Methyl Iodide	4.088	142	5583	6.570	ug/l	98
11) Tert butyl alcohol	4.930	59	7028	Below Cal	#	89
12) 1,1-Dichloroethene	3.869	96	6383	4.766	ug/l	92
13) Acrolein	3.735	56	3350	21.452	ug/l	93
14) Allyl chloride	4.473	41	12167	4.818	ug/l	91
15) Acrylonitrile	5.168	53	21906	25.068	ug/l	97
16) Acetone	3.954	43	29567	28.194	ug/l	94
17) Carbon Disulfide	4.186	76	7671	6.433	ug/l #	91
18) Methyl Acetate	4.485	43	16333	4.785	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	30791	4.864	ug/l	93
20) Methylene Chloride	4.710	84	28636	6.938	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	7180	4.654	ug/l	93
22) Diisopropyl ether	6.119	45	32072	4.891	ug/l	96
23) Vinyl Acetate	6.058	43	95179	23.983	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	17220	4.946	ug/l #	94
25) 2-Butanone	6.990	43	38654	26.796	ug/l	100
26) 2,2-Dichloropropane	6.978	77	17428	5.386	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	10977	4.922	ug/l	98
28) Bromochloromethane	7.332	49	10039	4.930	ug/l	93
29) Tetrahydrofuran	7.356	42	19321	24.004	ug/l	93
30) Chloroform	7.502	83	19657	5.047	ug/l	96
31) Cyclohexane	7.783	56	12885	5.647	ug/l #	64
32) 1,1,1-Trichloroethane	7.698	97	15863	4.982	ug/l	99
36) 1,1-Dichloropropene	7.911	75	11093	4.747	ug/l	99
37) Ethyl Acetate	7.076	43	12967	4.958	ug/l #	92
38) Carbon Tetrachloride	7.899	117	13478	4.905	ug/l	96
39) Methylcyclohexane	9.179	83	11253	4.502	ug/l	97
40) Benzene	8.161	78	35345	4.820	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
 Data File : VY015843.D
 Acq On : 05 Oct 2023 12:14
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
 Supervised By :Semsettin Yesilyurt 10/06/2023

Quant Time: Oct 06 05:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:15:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	5613m	4.592	ug/l	
42) 1,2-Dichloroethane	8.240	62	12743	4.826	ug/l	92
43) Isopropyl Acetate	8.277	43	21909	4.867	ug/l	98
44) Trichloroethene	8.935	130	10819	5.041	ug/l	99
45) 1,2-Dichloropropane	9.216	63	10664	4.917	ug/l	98
46) Dibromomethane	9.301	93	6824	4.921	ug/l	96
47) Bromodichloromethane	9.496	83	16059	4.989	ug/l	98
48) Methyl methacrylate	9.295	41	9490	4.827	ug/l	90
49) 1,4-Dioxane	9.313	88	2827	91.011	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	69046	24.520	ug/l	94
52) Toluene	10.240	92	23224	4.840	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	15963	4.726	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	17207	4.799	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	11163	5.124	ug/l	95
56) Ethyl methacrylate	10.508	69	14613	4.626	ug/l	89
57) 1,3-Dichloropropane	10.788	76	17057	4.898	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	42300	22.983	ug/l	94
59) 2-Hexanone	10.831	43	53248	24.369	ug/l	91
60) Dibromochloromethane	10.984	129	12159	4.832	ug/l	100
61) 1,2-Dibromoethane	11.087	107	9925	4.875	ug/l	98
64) Tetrachloroethene	10.715	164	10450	4.802	ug/l	95
65) Chlorobenzene	11.514	112	29360	5.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	11683	4.963	ug/l	98
67) Ethyl Benzene	11.593	91	47716	4.869	ug/l	96
68) m/p-Xylenes	11.703	106	35306	9.478	ug/l	97
69) o-Xylene	12.026	106	17438	4.706	ug/l	98
70) Styrene	12.044	104	30055	4.647	ug/l	98
71) Bromoform	12.203	173	8292	4.724	ug/l #	97
73) Isopropylbenzene	12.325	105	49149	4.970	ug/l	99
74) N-amyl acetate	12.142	43	17993	4.708	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	15083	5.163	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	11286m	4.994	ug/l	
77) Bromobenzene	12.605	156	12309	5.031	ug/l	91
78) n-propylbenzene	12.672	91	58238	4.916	ug/l	99
79) 2-Chlorotoluene	12.752	91	34032	4.989	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	40433	4.906	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	4596	4.707	ug/l	95
82) 4-Chlorotoluene	12.855	91	36042	5.048	ug/l	97
83) tert-Butylbenzene	13.075	119	37881	5.028	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	40631	4.907	ug/l	100
85) sec-Butylbenzene	13.251	105	53921	4.878	ug/l	98
86) p-Isopropyltoluene	13.367	119	45000	4.889	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	25277	5.160	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	25791	5.207	ug/l	92
89) n-Butylbenzene	13.696	91	43162	4.928	ug/l	97
90) Hexachloroethane	13.959	117	8770	4.881	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	23543	5.103	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2907	4.959	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	14759	4.915	ug/l	99
94) Hexachlorobutadiene	15.111	225	7951	5.082	ug/l	98
95) Naphthalene	15.233	128	38699	4.833	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	14588	5.185	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
Data File : VY015843.D
Acq On : 05 Oct 2023 12:14
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2023
Supervised By :Semsettin Yesilyurt 10/06/2023

Quant Time: Oct 06 05:17:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:15:27 2023
Response via : Initial Calibration

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

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

