

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019896.D
 Acq On : 15 Oct 2024 10:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 02:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	299503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	518770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	437565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	208063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	185362	50.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.520%	
35) Dibromofluoromethane	7.640	113	178903	52.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.520%	
50) Toluene-d8	10.109	98	647176	51.193	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.408	95	234921	51.429	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	146348	52.490	ug/l	99
3) Chloromethane	2.080	50	189832	52.312	ug/l	99
4) Vinyl Chloride	2.214	62	219479	54.962	ug/l	100
5) Bromomethane	2.604	94	132557	52.444	ug/l	97
6) Chloroethane	2.745	64	148859	55.489	ug/l	97
7) Trichlorofluoromethane	3.068	101	331298	55.756	ug/l	96
8) Diethyl Ether	3.464	74	97907	54.216	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.830	101	195759	56.640	ug/l	91
10) Methyl Iodide	4.019	142	187469	53.631	ug/l	93
11) Tert butyl alcohol	4.866	59	67818	196.299	ug/l	# 90
12) 1,1-Dichloroethene	3.805	96	173537	54.010	ug/l	# 81
13) Acrolein	3.659	56	44998	166.059	ug/l	99
14) Allyl chloride	4.397	41	330865	57.072	ug/l	# 90
15) Acrylonitrile	5.067	53	226544	274.268	ug/l	98
16) Acetone	3.879	43	274678	286.127	ug/l	# 81
17) Carbon Disulfide	4.116	76	416718	48.387	ug/l	99
18) Methyl Acetate	4.391	43	113994	55.124	ug/l	# 88
19) Methyl tert-butyl Ether	5.128	73	502031	54.386	ug/l	99
20) Methylene Chloride	4.628	84	195723	55.263	ug/l	# 83
21) trans-1,2-Dichloroethene	5.122	96	190286	54.414	ug/l	87
22) Diisopropyl ether	6.031	45	743765	58.899	ug/l	92
23) Vinyl Acetate	5.970	43	2033006	280.832	ug/l	# 92
24) 1,1-Dichloroethane	5.921	63	405779	57.808	ug/l	96
25) 2-Butanone	6.902	43	343854	267.597	ug/l	# 87
26) 2,2-Dichloropropane	6.896	77	363043	58.074	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	243822	56.419	ug/l	83
28) Bromochloromethane	7.250	49	155992	50.489	ug/l	# 74
29) Tetrahydrofuran	7.268	42	189206	257.883	ug/l	# 83
30) Chloroform	7.427	83	417017	58.279	ug/l	99
31) Cyclohexane	7.707	56	324586	52.677	ug/l	88
32) 1,1,1-Trichloroethane	7.628	97	371978	59.319	ug/l	95
36) 1,1-Dichloropropene	7.847	75	284352	57.656	ug/l	94
37) Ethyl Acetate	6.994	43	141602	55.062	ug/l	# 95
38) Carbon Tetrachloride	7.829	117	309348	58.510	ug/l	99
39) Methylcyclohexane	9.115	83	347201	55.872	ug/l	# 89
40) Benzene	8.085	78	853375	57.174	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	71280	51.212	ug/l	90
42) 1,2-Dichloroethane	8.164	62	243589	56.806	ug/l	93
43) Isopropyl Acetate	8.201	43	283393	54.034	ug/l #	88
44) Trichloroethene	8.872	130	204652	56.611	ug/l	94
45) 1,2-Dichloropropane	9.146	63	217663	58.263	ug/l	98
46) Dibromomethane	9.237	93	110927	54.346	ug/l	91
47) Bromodichloromethane	9.426	83	315055	58.152	ug/l	98
48) Methyl methacrylate	9.225	41	129143	55.978	ug/l #	81
49) 1,4-Dioxane	9.231	88	22659	991.864	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	733668	274.256	ug/l	89
52) Toluene	10.176	92	537489	57.690	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	273216	56.048	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	327291	56.901	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	150352	55.910	ug/l	95
56) Ethyl methacrylate	10.445	69	218209	56.549	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	260476	55.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	457778	254.837	ug/l	93
59) 2-Hexanone	10.762	43	525572	275.074	ug/l	87
60) Dibromochloromethane	10.914	129	194666	56.398	ug/l	99
61) 1,2-Dibromoethane	11.018	107	129729	53.384	ug/l	100
64) Tetrachloroethene	10.652	164	169002	54.301	ug/l	93
65) Chlorobenzene	11.444	112	579464	57.899	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	199524	58.924	ug/l	98
67) Ethyl Benzene	11.524	91	1080071	59.409	ug/l	100
68) m/p-Xylenes	11.633	106	791673	117.908	ug/l	91
69) o-Xylene	11.956	106	378387	58.654	ug/l	92
70) Styrene	11.975	104	639727	58.776	ug/l	96
71) Bromoform	12.133	173	101385	55.931	ug/l #	97
73) Isopropylbenzene	12.255	105	1049048	59.943	ug/l	98
74) N-amyl acetate	12.072	43	254600	54.927	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	174968	56.265	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	111724m	27.411	ug/l	
77) Bromobenzene	12.536	156	209516	56.416	ug/l	85
78) n-propylbenzene	12.597	91	1276406	60.360	ug/l	97
79) 2-Chlorotoluene	12.682	91	710975	58.645	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	829612	58.698	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	54808	54.276	ug/l #	81
82) 4-Chlorotoluene	12.779	91	723107	58.334	ug/l	95
83) tert-Butylbenzene	12.999	119	754714	59.607	ug/l	93
84) 1,2,4-Trimethylbenzene	13.048	105	830649	59.279	ug/l	96
85) sec-Butylbenzene	13.176	105	1147892	60.680	ug/l	98
86) p-Isopropyltoluene	13.292	119	913626	59.476	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	428573	57.145	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	416563	56.538	ug/l	97
89) n-Butylbenzene	13.621	91	922015	61.470	ug/l	98
90) Hexachloroethane	13.883	117	177081	59.202	ug/l	88
91) 1,2-Dichlorobenzene	13.663	146	369898	56.132	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	26274	52.941	ug/l	73
93) 1,2,4-Trichlorobenzene	14.925	180	203546	55.086	ug/l	96
94) Hexachlorobutadiene	15.029	225	113834	55.412	ug/l	99
95) Naphthalene	15.145	128	377510	54.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	163833	52.451	ug/l	97

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

