

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019804.D
 Acq On : 04 Oct 2024 16:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

10/07/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Oct 04 23:34:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	235326	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	423379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	367531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	177665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137765	63.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.440%	
35) Dibromofluoromethane	7.634	113	132229	55.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.103	98	460411	51.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.402	95	173801	50.909	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50841	38.593	ug/l	99
3) Chloromethane	2.068	50	92376	47.445	ug/l	98
4) Vinyl Chloride	2.202	62	111635	53.025	ug/l	97
5) Bromomethane	2.598	94	80323	62.112	ug/l	96
6) Chloroethane	2.739	64	83705	60.819	ug/l	96
7) Trichlorofluoromethane	3.062	101	185007	52.717	ug/l	96
8) Diethyl Ether	3.452	74	67863	57.607	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	112915	52.011	ug/l	95
10) Methyl Iodide	4.013	142	124340	44.671	ug/l	92
11) Tert butyl alcohol	4.860	59	57686	327.804	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	105795	50.672	ug/l	87
13) Acrolein	3.647	56	7976	84.672	ug/l	94
14) Allyl chloride	4.385	41	196944	52.600	ug/l #	92
15) Acrylonitrile	5.061	53	161754	318.447	ug/l	99
16) Acetone	3.873	43	134873	259.805	ug/l #	85
17) Carbon Disulfide	4.104	76	254711	45.153	ug/l	99
18) Methyl Acetate	4.385	43	90000	63.884	ug/l	90
19) Methyl tert-butyl Ether	5.116	73	353835	59.837	ug/l	99
20) Methylene Chloride	4.616	84	136501	57.656	ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	122422	53.495	ug/l	88
22) Diisopropyl ether	6.019	45	465816	60.585	ug/l	92
23) Vinyl Acetate	5.964	43	1278930	291.215	ug/l	94
24) 1,1-Dichloroethane	5.915	63	255365	59.188	ug/l	97
25) 2-Butanone	6.890	43	217033	293.949	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	188309	48.386	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	163395	58.778	ug/l	89
28) Bromochloromethane	7.244	49	129928	71.574	ug/l #	80
29) Tetrahydrofuran	7.262	42	140950	313.976	ug/l #	85
30) Chloroform	7.421	83	271750	61.700	ug/l	99
31) Cyclohexane	7.701	56	183737	47.114	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	222845	56.449	ug/l	96
36) 1,1-Dichloropropene	7.835	75	170821	52.297	ug/l	95
37) Ethyl Acetate	6.982	43	97606	58.321	ug/l	97
38) Carbon Tetrachloride	7.823	117	186822	50.720	ug/l	100
39) Methylcyclohexane	9.109	83	203514	46.819	ug/l	89
40) Benzene	8.079	78	546105	54.282	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	60752	62.273	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	164957	60.934	ug/l	95
43) Isopropyl Acetate	8.195	43	200047	56.895	ug/l #	79
44) Trichloroethene	8.866	130	133086	51.437	ug/l	89
45) 1,2-Dichloropropane	9.140	63	139568	56.745	ug/l	99
46) Dibromomethane	9.231	93	79226	58.904	ug/l	92
47) Bromodichloromethane	9.420	83	210118	58.116	ug/l	99
48) Methyl methacrylate	9.219	41	91866	55.327	ug/l	83
49) 1,4-Dioxane	9.225	88	19017	1201.043	ug/l #	90
51) 4-Methyl-2-Pentanone	9.993	43	528888	298.988	ug/l	90
52) Toluene	10.170	92	347042	53.635	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	181284	52.599	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	209419	52.183	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	107259	57.747	ug/l	94
56) Ethyl methacrylate	10.438	69	155895	55.252	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	185311	58.041	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	403434	308.070	ug/l	97
59) 2-Hexanone	10.756	43	350568	270.321	ug/l	89
60) Dibromochloromethane	10.908	129	140313	57.107	ug/l	97
61) 1,2-Dibromoethane	11.012	107	95962	55.449	ug/l	99
64) Tetrachloroethene	10.646	164	123974	54.472	ug/l	95
65) Chlorobenzene	11.438	112	386676	53.485	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	135519	54.140	ug/l	98
67) Ethyl Benzene	11.518	91	679713	52.914	ug/l	100
68) m/p-Xylenes	11.627	106	503609	103.682	ug/l	92
69) o-Xylene	11.950	106	247905	52.188	ug/l	93
70) Styrene	11.963	104	424972	52.988	ug/l	96
71) Bromoform	12.127	173	74687	52.240	ug/l #	98
73) Isopropylbenzene	12.249	105	652269	50.606	ug/l	99
74) N-amyl acetate	12.066	43	180015	51.354	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.499	83	128165	56.022	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	79860m	47.957	ug/l	
77) Bromobenzene	12.530	156	146659	51.304	ug/l	88
78) n-propylbenzene	12.591	91	776386	50.821	ug/l	99
79) 2-Chlorotoluene	12.676	91	459053	51.561	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	526725	50.268	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	38927	44.876	ug/l	88
82) 4-Chlorotoluene	12.773	91	470967	51.455	ug/l	95
83) tert-Butylbenzene	12.993	119	477452	50.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	530171	51.115	ug/l	96
85) sec-Butylbenzene	13.170	105	701446	50.902	ug/l	98
86) p-Isopropyltoluene	13.286	119	568271	50.403	ug/l	96
87) 1,3-Dichlorobenzene	13.279	146	284412	51.203	ug/l	97
88) 1,4-Dichlorobenzene	13.359	146	282199	51.192	ug/l	97
89) n-Butylbenzene	13.609	91	539458	50.050	ug/l	99
90) Hexachloroethane	13.877	117	113622	48.434	ug/l	89
91) 1,2-Dichlorobenzene	13.651	146	258546	52.160	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	19103	50.102	ug/l	84
93) 1,2,4-Trichlorobenzene	14.913	180	142982	47.428	ug/l	97
94) Hexachlorobutadiene	15.017	225	75775	47.050	ug/l	99
95) Naphthalene	15.139	128	291673	48.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	124305	48.205	ug/l	98

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

