

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020017.D
 Acq On : 25 Oct 2024 11:04
 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
 10/28/2024

Supervised By :Semsettin
 Yesilyurt
 10/28/2024

Quant Time: Oct 26 00:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	215616	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	377120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	332038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	127260	47.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.860%		
35) Dibromofluoromethane	7.640	113	123486	49.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.240%		
50) Toluene-d8	10.109	98	447535	48.698	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.400%		
62) 4-Bromofluorobenzene	12.408	95	161974	48.778	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	97.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	89113	44.396	ug/l	96
3) Chloromethane	2.074	50	134755	51.582	ug/l	100
4) Vinyl Chloride	2.208	62	158415	55.105	ug/l	99
5) Bromomethane	2.605	94	100867	55.433	ug/l	96
6) Chloroethane	2.745	64	112240	58.117	ug/l	96
7) Trichlorofluoromethane	3.068	101	229383	53.623	ug/l	93
8) Diethyl Ether	3.464	74	69917	53.779	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.824	101	135881	54.611	ug/l	90
10) Methyl Iodide	4.013	142	119132	47.340	ug/l #	89
11) Tert butyl alcohol	4.866	59	52767	244.975	ug/l #	80
12) 1,1-Dichloroethene	3.799	96	119154	51.512	ug/l #	80
13) Acrolein	3.665	56	24864	127.456	ug/l	98
14) Allyl chloride	4.391	41	233586	55.968	ug/l #	90
15) Acrylonitrile	5.061	53	176736	297.213	ug/l	97
16) Acetone	3.873	43	216173	312.793	ug/l #	80
17) Carbon Disulfide	4.110	76	263335	42.473	ug/l	99
18) Methyl Acetate	4.391	43	92552	62.167	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	377808	56.852	ug/l	99
20) Methylene Chloride	4.622	84	142529	55.910	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	130893	51.992	ug/l #	82
22) Diisopropyl ether	6.025	45	554415	60.986	ug/l #	92
23) Vinyl Acetate	5.970	43	1548600	297.144	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	295334	58.443	ug/l	98
25) 2-Butanone	6.896	43	280827	303.575	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	251902	55.973	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	176134	56.613	ug/l	82
28) Bromochloromethane	7.250	49	129799	58.357	ug/l #	70
29) Tetrahydrofuran	7.268	42	152429	288.586	ug/l #	84
30) Chloroform	7.427	83	310087	60.195	ug/l	98
31) Cyclohexane	7.707	56	225705	50.880	ug/l	86
32) 1,1,1-Trichloroethane	7.622	97	262236	58.088	ug/l	94
36) 1,1-Dichloropropene	7.841	75	197761	55.160	ug/l	95
37) Ethyl Acetate	6.988	43	107664	57.590	ug/l	97
38) Carbon Tetrachloride	7.823	117	217885	56.689	ug/l	99
39) Methylcyclohexane	9.109	83	244046	54.024	ug/l #	86
40) Benzene	8.085	78	622688	57.389	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.220	41	60330	59.626	ug/l	#	81
42) 1,2-Dichloroethane	8.164	62	184278	59.116	ug/l		93
43) Isopropyl Acetate	8.201	43	219548	57.584	ug/l	#	77
44) Trichloroethene	8.872	130	143480	54.597	ug/l		91
45) 1,2-Dichloropropane	9.146	63	163250	60.111	ug/l		99
46) Dibromomethane	9.237	93	85014	57.295	ug/l	#	88
47) Bromodichloromethane	9.426	83	240661	61.105	ug/l		96
48) Methyl methacrylate	9.225	41	100819	60.116	ug/l	#	81
49) 1,4-Dioxane	9.231	88	18694	1125.664	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.000	43	607441	312.360	ug/l		88
52) Toluene	10.170	92	399949	59.051	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	210110	59.292	ug/l		94
54) cis-1,3-Dichloropropene	9.859	75	247451	59.179	ug/l	#	84
55) 1,1,2-Trichloroethane	10.573	97	115805	59.238	ug/l		95
56) Ethyl methacrylate	10.438	69	165570	59.025	ug/l	#	72
57) 1,3-Dichloropropane	10.719	76	204688	59.622	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	368891	282.488	ug/l		92
59) 2-Hexanone	10.762	43	440184	316.917	ug/l		86
60) Dibromochloromethane	10.914	129	148615	59.229	ug/l		99
61) 1,2-Dibromoethane	11.018	107	100065	56.644	ug/l		99
64) Tetrachloroethene	10.652	164	121796	51.570	ug/l		93
65) Chlorobenzene	11.444	112	434983	57.276	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	148872	57.939	ug/l		99
67) Ethyl Benzene	11.518	91	808731	58.622	ug/l		100
68) m/p-Xylenes	11.627	106	592148	116.220	ug/l		91
69) o-Xylene	11.956	106	284895	58.197	ug/l		91
70) Styrene	11.969	104	488829	59.186	ug/l		95
71) Bromoform	12.133	173	79060	57.476	ug/l	#	96
73) Isopropylbenzene	12.255	105	788496	57.376	ug/l		98
74) N-amyl acetate	12.072	43	208859	57.382	ug/l	#	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	144820	59.306	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	106112m	33.153	ug/l		
77) Bromobenzene	12.536	156	156441	53.645	ug/l		82
78) n-propylbenzene	12.597	91	971951	58.532	ug/l		97
79) 2-Chlorotoluene	12.682	91	539163	56.636	ug/l		94
80) 1,3,5-Trimethylbenzene	12.737	105	633952	57.121	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	44929	56.661	ug/l	#	82
82) 4-Chlorotoluene	12.780	91	562611	57.799	ug/l		93
83) tert-Butylbenzene	12.999	119	577107	58.045	ug/l		94
84) 1,2,4-Trimethylbenzene	13.042	105	638309	58.010	ug/l		96
85) sec-Butylbenzene	13.176	105	881835	59.364	ug/l		97
86) p-Isopropyltoluene	13.292	119	704472	58.402	ug/l		96
87) 1,3-Dichlorobenzene	13.292	146	329946	56.025	ug/l		97
88) 1,4-Dichlorobenzene	13.371	146	324026	56.005	ug/l		96
89) n-Butylbenzene	13.621	91	716863	60.863	ug/l		98
90) Hexachloroethane	13.883	117	137723	58.635	ug/l		84
91) 1,2-Dichlorobenzene	13.664	146	289579	55.961	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	22204	56.976	ug/l		69
93) 1,2,4-Trichlorobenzene	14.925	180	157561	54.302	ug/l		98
94) Hexachlorobutadiene	15.029	225	86640	53.708	ug/l		98
95) Naphthalene	15.145	128	299124	54.659	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	132218	53.905	ug/l		98

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

