

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018402.D
 Acq On : 29 May 2024 16:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 30 04:07:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	109855	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	208681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57962	55.691	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.380%			
35) Dibromofluoromethane	7.710	113	56657	46.557	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.120%			
50) Toluene-d8	10.173	98	227511	47.952	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.900%			
62) 4-Bromofluorobenzene	12.477	95	74197	50.611	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	41152	43.889	ug/l	100
3) Chloromethane	2.107	50	87582	57.478	ug/l	97
4) Vinyl Chloride	2.241	62	107569	63.104	ug/l	98
5) Bromomethane	2.637	94	71201	58.422	ug/l	100
6) Chloroethane	2.784	64	70661	63.858	ug/l	98
7) Trichlorofluoromethane	3.107	101	108692	56.817	ug/l	98
8) Diethyl Ether	3.521	74	36430	59.640	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	63304	53.639	ug/l	92
10) Methyl Iodide	4.076	142	67744	57.078	ug/l	96
11) Tert butyl alcohol	4.942	59	30867	338.089	ug/l	# 80
12) 1,1-Dichloroethene	3.857	96	62178	53.493	ug/l	92
13) Acrolein	3.716	56	20874	242.293	ug/l	96
14) Allyl chloride	4.466	41	100315	61.794	ug/l	94
15) Acrylonitrile	5.149	53	88352	334.410	ug/l	100
16) Acetone	3.936	43	76029	355.169	ug/l	# 87
17) Carbon Disulfide	4.180	76	186784	57.545	ug/l	97
18) Methyl Acetate	4.460	43	36091	63.609	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	174348	62.554	ug/l	97
20) Methylene Chloride	4.698	84	80662	67.098	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	72637	59.238	ug/l	96
22) Diisopropyl ether	6.106	45	225329	66.794	ug/l	96
23) Vinyl Acetate	6.045	43	738882	342.055	ug/l	94
24) 1,1-Dichloroethane	6.003	63	127599	61.675	ug/l	97
25) 2-Butanone	6.972	43	115395	340.171	ug/l	92
26) 2,2-Dichloropropane	6.972	77	103068	57.630	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	85771	59.527	ug/l	94
28) Bromochloromethane	7.326	49	46405	66.041	ug/l	82
29) Tetrahydrofuran	7.338	42	76558	342.877	ug/l	# 88
30) Chloroform	7.496	83	130273	61.777	ug/l	99
31) Cyclohexane	7.777	56	111077	61.157	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	106941	57.778	ug/l	95
36) 1,1-Dichloropropene	7.911	75	94861	53.752	ug/l	97
37) Ethyl Acetate	7.063	43	52245	61.884	ug/l	96
38) Carbon Tetrachloride	7.893	117	90459	50.045	ug/l	98
39) Methylcyclohexane	9.179	83	124276	50.480	ug/l	96
40) Benzene	8.155	78	301930	56.121	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28248m	67.031	ug/l	
42) 1,2-Dichloroethane	8.228	62	75492	58.335	ug/l	97
43) Isopropyl Acetate	8.264	43	101254	61.469	ug/l	91
44) Trichloroethene	8.935	130	70701	51.269	ug/l	93
45) 1,2-Dichloropropane	9.209	63	71004	58.681	ug/l	95
46) Dibromomethane	9.301	93	40492	57.030	ug/l	91
47) Bromodichloromethane	9.490	83	98512	57.171	ug/l	98
48) Methyl methacrylate	9.289	41	45783	61.445	ug/l	89
49) 1,4-Dioxane	9.289	88	11077	1202.440	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	269465	324.138	ug/l	92
52) Toluene	10.240	92	188492	55.891	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	94269	59.839	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	110561	57.275	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	54490	57.928	ug/l	97
56) Ethyl methacrylate	10.508	69	80891	62.695	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	95493	59.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	178288	305.810	ug/l	95
59) 2-Hexanone	10.831	43	190764	333.485	ug/l	91
60) Dibromochloromethane	10.983	129	64870	57.095	ug/l	98
61) 1,2-Dibromoethane	11.087	107	51057	58.826	ug/l	99
64) Tetrachloroethene	10.715	164	64090	48.152	ug/l	92
65) Chlorobenzene	11.514	112	202041	52.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	66341	54.105	ug/l	99
67) Ethyl Benzene	11.587	91	373478	54.869	ug/l	99
68) m/p-Xylenes	11.697	106	277758	106.056	ug/l	96
69) o-Xylene	12.026	106	134079	54.248	ug/l	98
70) Styrene	12.038	104	228071	55.823	ug/l	99
71) Bromoform	12.203	173	35192	54.263	ug/l #	100
73) Isopropylbenzene	12.325	105	348859	50.405	ug/l	99
74) N-amyl acetate	12.142	43	89200	55.240	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	64690	54.854	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	41971m	53.031	ug/l	
77) Bromobenzene	12.605	156	76241	50.295	ug/l	94
78) n-propylbenzene	12.666	91	409758	49.445	ug/l	100
79) 2-Chlorotoluene	12.751	91	225594	50.282	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	270100	49.662	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	21451	55.766	ug/l	95
82) 4-Chlorotoluene	12.849	91	221880	48.775	ug/l	98
83) tert-Butylbenzene	13.075	119	246130	48.957	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	264513	49.452	ug/l	100
85) sec-Butylbenzene	13.251	105	353573	47.553	ug/l	99
86) p-Isopropyltoluene	13.367	119	294261	48.384	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	151663	50.809	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	148149	49.866	ug/l	99
89) n-Butylbenzene	13.696	91	273269	47.813	ug/l	99
90) Hexachloroethane	13.959	117	55184	49.135	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	131653	50.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9046	55.925	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	71959	48.774	ug/l	96
94) Hexachlorobutadiene	15.111	225	35267	46.711	ug/l	99
95) Naphthalene	15.233	128	152594	52.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58931	46.982	ug/l	98

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

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