

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018096.D
 Acq On : 01 May 2024 13:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 05:47:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	312162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	518806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	453062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127126	51.665	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.340%			
35) Dibromofluoromethane	7.710	113	150646	50.528	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.060%			
50) Toluene-d8	10.179	98	576083	49.495	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.980%			
62) 4-Bromofluorobenzene	12.483	95	195280	48.752	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	96011	38.531	ug/l	96
3) Chloromethane	2.107	50	152372	46.800	ug/l	100
4) Vinyl Chloride	2.247	62	160973	45.697	ug/l	99
5) Bromomethane	2.650	94	102781	47.271	ug/l	99
6) Chloroethane	2.790	64	101239	46.148	ug/l	97
7) Trichlorofluoromethane	3.119	101	196423	41.884	ug/l	95
8) Diethyl Ether	3.522	74	72329	48.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	118234	40.399	ug/l	94
10) Methyl Iodide	4.082	142	186166	47.993	ug/l	97
11) Tert butyl alcohol	4.985	59	45629	227.529	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	133407	44.702	ug/l	95
13) Acrolein	3.729	56	77203	258.650	ug/l	99
14) Allyl chloride	4.466	41	186285	47.211	ug/l	98
15) Acrylonitrile	5.155	53	133193	235.488	ug/l	99
16) Acetone	3.948	43	122120	260.522	ug/l	93
17) Carbon Disulfide	4.186	76	405706	45.527	ug/l	97
18) Methyl Acetate	4.473	43	52602	43.817	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	329909	48.174	ug/l	99
20) Methylene Chloride	4.710	84	153369	46.692	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	150443	47.420	ug/l	94
22) Diisopropyl ether	6.106	45	384416	47.304	ug/l	92
23) Vinyl Acetate	6.052	43	1248477	242.222	ug/l	99
24) 1,1-Dichloroethane	6.009	63	232759	47.433	ug/l	99
25) 2-Butanone	6.984	43	178756	245.124	ug/l	97
26) 2,2-Dichloropropane	6.972	77	213269	46.471	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	184176	48.679	ug/l	94
28) Bromochloromethane	7.326	49	109272	55.102	ug/l	89
29) Tetrahydrofuran	7.344	42	110220	237.747	ug/l	96
30) Chloroform	7.496	83	245522	47.282	ug/l	98
31) Cyclohexane	7.777	56	189495	40.193	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	214845	45.330	ug/l	98
36) 1,1-Dichloropropene	7.911	75	172656	43.383	ug/l	98
37) Ethyl Acetate	7.070	43	80132	46.269	ug/l #	97
38) Carbon Tetrachloride	7.893	117	190710	42.219	ug/l	96
39) Methylcyclohexane	9.179	83	229834	39.319	ug/l	98
40) Benzene	8.155	78	584710	45.722	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	45383	44.435	ug/l	92
42) 1,2-Dichloroethane	8.234	62	138648	46.798	ug/l	98
43) Isopropyl Acetate	8.265	43	167140	45.936	ug/l	96
44) Trichloroethene	8.935	130	161028	44.402	ug/l	95
45) 1,2-Dichloropropane	9.210	63	127270	45.614	ug/l	94
46) Dibromomethane	9.301	93	77058	45.424	ug/l	92
47) Bromodichloromethane	9.496	83	191319	45.939	ug/l	100
48) Methyl methacrylate	9.289	41	77251	46.381	ug/l	90
49) 1,4-Dioxane	9.319	88	18428	979.131	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	417914	235.168	ug/l	95
52) Toluene	10.240	92	377747	44.632	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	186780	46.417	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	219150	46.358	ug/l #	93
55) 1,1,2-Trichloroethane	10.642	97	107945	47.310	ug/l	97
56) Ethyl methacrylate	10.508	69	149135	46.230	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	172529	47.331	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	339108	225.188	ug/l	92
59) 2-Hexanone	10.831	43	304353	239.960	ug/l	93
60) Dibromochloromethane	10.984	129	143940	46.447	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102255	46.769	ug/l	99
64) Tetrachloroethene	10.721	164	141720	43.213	ug/l	97
65) Chlorobenzene	11.514	112	434121	45.397	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	145698	45.293	ug/l	98
67) Ethyl Benzene	11.593	91	717839	44.762	ug/l	95
68) m/p-Xylenes	11.703	106	575575	89.574	ug/l	97
69) o-Xylene	12.026	106	277440	44.944	ug/l	95
70) Styrene	12.044	104	471130	45.347	ug/l	98
71) Bromoform	12.209	173	86772	46.031	ug/l #	97
73) Isopropylbenzene	12.331	105	689280	43.118	ug/l	98
74) N-amyl acetate	12.142	43	159999	45.602	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	112948	44.403	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	80595m	45.213	ug/l	
77) Bromobenzene	12.611	156	172146	45.320	ug/l	93
78) n-propylbenzene	12.672	91	801120	43.519	ug/l	96
79) 2-Chlorotoluene	12.758	91	459196	43.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	561263	43.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43948	44.915	ug/l	96
82) 4-Chlorotoluene	12.855	91	475802	44.413	ug/l	96
83) tert-Butylbenzene	13.075	119	508755	43.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	554674	43.947	ug/l	99
85) sec-Butylbenzene	13.251	105	727206	42.962	ug/l	98
86) p-Isopropyltoluene	13.367	119	617260	43.758	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	327019	45.013	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	325059	45.396	ug/l	98
89) n-Butylbenzene	13.697	91	547584	43.865	ug/l	97
90) Hexachloroethane	13.959	117	124227	43.346	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	288775	45.616	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16966	44.216	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	166384	47.026	ug/l	99
94) Hexachlorobutadiene	15.111	225	84615	43.205	ug/l	98
95) Naphthalene	15.233	128	307240	47.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	140729	47.667	ug/l	99

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

