

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017900.D
 Acq On : 11 Apr 2024 10:18
 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 04/12/2024
 Supervised By :Semsettin Yesilyurt 04/12/2024

Quant Time: Apr 12 04:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64925	55.485	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.980%			
35) Dibromofluoromethane	7.722	113	68164	55.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.220%			
50) Toluene-d8	10.185	98	247470	53.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.483	95	75864	53.971	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	44048	48.708	ug/l	99
3) Chloromethane	2.119	50	94407	53.488	ug/l	99
4) Vinyl Chloride	2.253	62	147589	63.984	ug/l	100
5) Bromomethane	2.656	94	131973	70.761	ug/l	99
6) Chloroethane	2.796	64	109832	72.979	ug/l	99
7) Trichlorofluoromethane	3.131	101	116207	51.660	ug/l	94
8) Diethyl Ether	3.528	74	33903	51.309	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.906	101	65275	48.387	ug/l	99
10) Methyl Iodide	4.095	142	77164	52.599	ug/l	99
11) Tert butyl alcohol	4.954	59	21587	250.502	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	60338	47.798	ug/l	93
13) Acrolein	3.729	56	16604	202.538	ug/l	98
14) Allyl chloride	4.485	41	68118	43.984	ug/l	86
15) Acrylonitrile	5.168	53	68639	246.090	ug/l	99
16) Acetone	3.948	43	61830	255.627	ug/l	92
17) Carbon Disulfide	4.198	76	155385	43.496	ug/l	98
18) Methyl Acetate	4.479	43	26133	48.779	ug/l	95
19) Methyl tert-butyl Ether	5.229	73	157955	54.649	ug/l	98
20) Methylene Chloride	4.723	84	70909	47.720	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	68533	50.734	ug/l	98
22) Diisopropyl ether	6.119	45	175982	49.164	ug/l #	89
23) Vinyl Acetate	6.064	43	557844	255.249	ug/l	98
24) 1,1-Dichloroethane	6.021	63	121035	50.945	ug/l	100
25) 2-Butanone	6.990	43	88047	255.528	ug/l	97
26) 2,2-Dichloropropane	6.984	77	105552	51.438	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	84162	52.718	ug/l	98
28) Bromochloromethane	7.338	49	52507	54.347	ug/l	96
29) Tetrahydrofuran	7.350	42	52060	251.799	ug/l	97
30) Chloroform	7.509	83	135507	54.972	ug/l	97
31) Cyclohexane	7.789	56	87239	42.321	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	113585	54.139	ug/l	97
36) 1,1-Dichloropropene	7.917	75	89829	49.777	ug/l	98
37) Ethyl Acetate	7.076	43	37645	48.339	ug/l	97
38) Carbon Tetrachloride	7.905	117	99833	53.289	ug/l	99
39) Methylcyclohexane	9.185	83	105200	46.669	ug/l	98
40) Benzene	8.161	78	282472	50.791	ug/l	99

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Quant Title : SW846 8260

QLast Update : Sat Mar 30 05:58:13 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	23073m	51.521	ug/l	
42) 1,2-Dichloroethane	8.240	62	74967	54.766	ug/l	97
43) Isopropyl Acetate	8.277	43	72105	51.019	ug/l	99
44) Trichloroethene	8.941	130	73682	50.923	ug/l	97
45) 1,2-Dichloropropane	9.216	63	65778	50.899	ug/l	98
46) Dibromomethane	9.307	93	39679	54.043	ug/l	97
47) Bromodichloromethane	9.502	83	102373	55.182	ug/l	97
48) Methyl methacrylate	9.295	41	31735	52.494	ug/l #	89
49) 1,4-Dioxane	9.301	88	8825	1070.699	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	200266	280.653	ug/l	100
52) Toluene	10.246	92	181074	53.677	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	89008	54.035	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	104415	51.938	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	53182	54.361	ug/l	93
56) Ethyl methacrylate	10.514	69	68492	55.887	ug/l #	95
57) 1,3-Dichloropropane	10.795	76	89061	53.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	168658	273.032	ug/l	99
59) 2-Hexanone	10.837	43	140210	276.596	ug/l	99
60) Dibromochloromethane	10.990	129	67922	55.047	ug/l	100
61) 1,2-Dibromoethane	11.093	107	48292	54.134	ug/l	98
64) Tetrachloroethene	10.721	164	83140	50.898	ug/l	97
65) Chlorobenzene	11.520	112	197718	51.466	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	70367	53.944	ug/l	99
67) Ethyl Benzene	11.593	91	346112	52.408	ug/l	97
68) m/p-Xylenes	11.703	106	266094	106.242	ug/l	98
69) o-Xylene	12.032	106	122872	57.639	ug/l	98
70) Styrene	12.044	104	216780	58.749	ug/l	99
71) Bromoform	12.209	173	38105	52.699	ug/l #	99
73) Isopropylbenzene	12.331	105	328084	53.331	ug/l	99
74) N-amyl acetate	12.148	43	62857	53.465	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	55549	52.199	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37892m	47.369	ug/l	
77) Bromobenzene	12.611	156	76222	52.023	ug/l	98
78) n-propylbenzene	12.672	91	395700	52.714	ug/l	100
79) 2-Chlorotoluene	12.758	91	212465	51.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	255729	53.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18625	53.632	ug/l	97
82) 4-Chlorotoluene	12.855	91	217326	51.045	ug/l	98
83) tert-Butylbenzene	13.075	119	233052	53.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	251413	52.579	ug/l	100
85) sec-Butylbenzene	13.258	105	351854	53.706	ug/l	100
86) p-Isopropyltoluene	13.373	119	289613	52.886	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	152028	52.292	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	145673	52.349	ug/l	98
89) n-Butylbenzene	13.697	91	265654	52.727	ug/l	99
90) Hexachloroethane	13.965	117	57442	52.751	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	128377	53.271	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7275	50.590	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	67454	51.103	ug/l	99
94) Hexachlorobutadiene	15.117	225	40023	50.018	ug/l	99
95) Naphthalene	15.239	128	116468	53.372	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	57095	51.207	ug/l	98

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

