

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018013.D
 Acq On : 22 Apr 2024 16:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

Quant Time: Apr 23 01:44:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	365028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	574181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	497340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	145814	46.160	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.320%		
35) Dibromofluoromethane	7.716	113	169193	47.763	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.520%		
50) Toluene-d8	10.179	98	660535	49.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.280%		
62) 4-Bromofluorobenzene	12.483	95	195294	46.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	131248	45.323	ug/l	97
3) Chloromethane	2.113	50	224600	46.808	ug/l	98
4) Vinyl Chloride	2.247	62	253003	46.780	ug/l	99
5) Bromomethane	2.650	94	175714	48.811	ug/l	99
6) Chloroethane	2.790	64	161493	47.297	ug/l	98
7) Trichlorofluoromethane	3.125	101	302849	49.686	ug/l	96
8) Diethyl Ether	3.522	74	93922	48.763	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	191958	50.572	ug/l	99
10) Methyl Iodide	4.088	142	261035	51.692	ug/l	98
11) Tert butyl alcohol	4.948	59	46614	203.575	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	190894	51.806	ug/l	97
13) Acrolein	3.729	56	69487	282.450	ug/l	100
14) Allyl chloride	4.479	41	257495	53.998	ug/l	92
15) Acrylonitrile	5.155	53	191454	244.817	ug/l	100
16) Acetone	3.942	43	129270	207.113	ug/l	99
17) Carbon Disulfide	4.192	76	591837	50.489	ug/l	98
18) Methyl Acetate	4.473	43	74234	45.210	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	390020	48.567	ug/l	99
20) Methylene Chloride	4.710	84	214386	50.700	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	210310	52.101	ug/l	97
22) Diisopropyl ether	6.112	45	577263	55.220	ug/l	99
23) Vinyl Acetate	6.052	43	1601427	258.334	ug/l	97
24) 1,1-Dichloroethane	6.015	63	365094	53.489	ug/l	97
25) 2-Butanone	6.984	43	205422	223.911	ug/l	93
26) 2,2-Dichloropropane	6.978	77	280257	51.179	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	244348	53.003	ug/l	98
28) Bromochloromethane	7.332	49	145156	54.064	ug/l	94
29) Tetrahydrofuran	7.344	42	135755	233.178	ug/l	94
30) Chloroform	7.502	83	366319	52.513	ug/l	99
31) Cyclohexane	7.783	56	305804	50.648	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	302509	52.066	ug/l	98
36) 1,1-Dichloropropene	7.917	75	268652	52.149	ug/l	98
37) Ethyl Acetate	7.070	43	102088	48.166	ug/l	98
38) Carbon Tetrachloride	7.899	117	274071	52.659	ug/l	99
39) Methylcyclohexane	9.185	83	349226	52.020	ug/l	97
40) Benzene	8.155	78	861494	53.388	ug/l	100

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41) Methacrylonitrile	7.332	41	73977m	55.314	ug/l	
42) 1,2-Dichloroethane	8.234	62	184337	49.856	ug/l	99
43) Isopropyl Acetate	8.271	43	186586	47.226	ug/l	99
44) Trichloroethene	8.935	130	213670	52.108	ug/l	96
45) 1,2-Dichloropropane	9.216	63	197952	53.292	ug/l	98
46) Dibromomethane	9.301	93	101916	49.603	ug/l	98
47) Bromodichloromethane	9.496	83	267435	51.881	ug/l	98
48) Methyl methacrylate	9.289	41	88935	49.124	ug/l	94
49) 1,4-Dioxane	9.295	88	20798	886.688	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	501532	239.456	ug/l	97
52) Toluene	10.246	92	530184	53.544	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	240001	50.999	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	300698	52.014	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	138299	49.516	ug/l	97
56) Ethyl methacrylate	10.508	69	179297	49.241	ug/l	97
57) 1,3-Dichloropropane	10.788	76	238000	50.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	426154	225.154	ug/l	97
59) 2-Hexanone	10.831	43	335528	234.677	ug/l	97
60) Dibromochloromethane	10.984	129	177291	49.390	ug/l	100
61) 1,2-Dibromoethane	11.087	107	123868	47.587	ug/l	100
64) Tetrachloroethene	10.721	164	184299	51.730	ug/l	99
65) Chlorobenzene	11.520	112	571503	52.431	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	186990	52.026	ug/l	99
67) Ethyl Benzene	11.593	91	994278	54.175	ug/l	99
68) m/p-Xylenes	11.703	106	761662	108.051	ug/l	99
69) o-Xylene	12.032	106	351255	53.359	ug/l	98
70) Styrene	12.044	104	607817	54.631	ug/l	99
71) Bromoform	12.209	173	99618	47.971	ug/l #	96
73) Isopropylbenzene	12.331	105	920255	54.739	ug/l	99
74) N-amyl acetate	12.148	43	169914	50.068	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	150347	47.951	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	112856m	52.126	ug/l	
77) Bromobenzene	12.611	156	212500	52.232	ug/l	99
78) n-propylbenzene	12.672	91	1131280	55.461	ug/l	100
79) 2-Chlorotoluene	12.758	91	619877	54.294	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	723581	54.280	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	51519	49.063	ug/l	97
82) 4-Chlorotoluene	12.855	91	624735	52.834	ug/l	98
83) tert-Butylbenzene	13.081	119	677045	55.608	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	718807	54.146	ug/l	99
85) sec-Butylbenzene	13.258	105	1005823	55.000	ug/l	100
86) p-Isopropyltoluene	13.373	119	825671	54.946	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	418781	51.880	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	404920	51.099	ug/l	99
89) n-Butylbenzene	13.697	91	776230	54.907	ug/l	100
90) Hexachloroethane	13.965	117	166185	53.932	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	355287	51.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17807	44.153	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	197862	48.789	ug/l	98
94) Hexachlorobutadiene	15.117	225	123612	51.380	ug/l	98
95) Naphthalene	15.239	128	314933	47.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	162320	47.700	ug/l	100

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

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