

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018085.D
 Acq On : 29 Apr 2024 21:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/30/2024
 Supervised By :Semsettin Yesilyurt 04/30/2024

Quant Time: Apr 30 01:06:10 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	7.789	168	343405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	527135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	466960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	216969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138144	46.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.980%		
35) Dibromofluoromethane	7.716	113	180116	55.384	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.760%		
50) Toluene-d8	10.179	98	680855	55.174	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	110.340%		
62) 4-Bromofluorobenzene	12.483	95	205780	53.844	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	107.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	145925	53.564	ug/l	99
3) Chloromethane	2.107	50	212384	47.049	ug/l	98
4) Vinyl Chloride	2.247	62	248753	48.890	ug/l	99
5) Bromomethane	2.650	94	216999	64.075	ug/l	97
6) Chloroethane	2.790	64	160978	50.114	ug/l	99
7) Trichlorofluoromethane	3.119	101	295354	51.508	ug/l	95
8) Diethyl Ether	3.521	74	99374	54.843	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	193819	54.278	ug/l	95
10) Methyl Iodide	4.082	142	273612	57.595	ug/l	96
11) Tert butyl alcohol	4.954	59	48333	225.970	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	200977	57.977	ug/l	90
13) Acrolein	3.723	56	62119	268.400	ug/l	100
14) Allyl chloride	4.472	41	213367	47.562	ug/l	88
15) Acrylonitrile	5.155	53	199127	270.662	ug/l	98
16) Acetone	3.948	43	120774	205.685	ug/l	97
17) Carbon Disulfide	4.192	76	593861	53.852	ug/l	99
18) Methyl Acetate	4.472	43	90163	58.369	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	415228	54.961	ug/l	97
20) Methylene Chloride	4.704	84	253078	63.619	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	221806	58.409	ug/l	93
22) Diisopropyl ether	6.112	45	500332	50.874	ug/l	96
23) Vinyl Acetate	6.058	43	1366006	234.232	ug/l	97
24) 1,1-Dichloroethane	6.009	63	344202	53.604	ug/l	98
25) 2-Butanone	6.984	43	204850	237.347	ug/l	97
26) 2,2-Dichloropropane	6.978	77	252946	49.100	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	258072	59.504	ug/l	92
28) Bromochloromethane	7.326	49	113254	44.838	ug/l	86
29) Tetrahydrofuran	7.344	42	139901	255.430	ug/l	94
30) Chloroform	7.502	83	366129	55.790	ug/l	98
31) Cyclohexane	7.783	56	276488	48.676	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	300714	55.016	ug/l	97
36) 1,1-Dichloropropene	7.917	75	260107	54.996	ug/l	99
37) Ethyl Acetate	7.070	43	99785	51.281	ug/l #	94
38) Carbon Tetrachloride	7.899	117	269698	56.443	ug/l	99
39) Methylcyclohexane	9.185	83	340916	55.314	ug/l	98
40) Benzene	8.161	78	874089	59.003	ug/l	99

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41) Methacrylonitrile	7.332	41	68834m	56.062	ug/l	
42) 1,2-Dichloroethane	8.234	62	175376	51.666	ug/l	94
43) Isopropyl Acetate	8.271	43	181171	49.948	ug/l	96
44) Trichloroethene	8.935	130	230673	61.275	ug/l	98
45) 1,2-Dichloropropane	9.216	63	191847	56.258	ug/l	99
46) Dibromomethane	9.307	93	111868	59.305	ug/l	95
47) Bromodichloromethane	9.496	83	271775	57.428	ug/l	98
48) Methyl methacrylate	9.295	41	84159	50.635	ug/l	86
49) 1,4-Dioxane	9.307	88	24830	1153.063	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	515031	267.848	ug/l	94
52) Toluene	10.246	92	551469	60.664	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	239066	55.335	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	300930	56.700	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	156189	60.912	ug/l	97
56) Ethyl methacrylate	10.508	69	198259	59.308	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	253825	58.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	443840	255.426	ug/l	98
59) 2-Hexanone	10.831	43	347225	264.533	ug/l	93
60) Dibromochloromethane	10.983	129	196642	59.670	ug/l	99
61) 1,2-Dibromoethane	11.087	107	143451	60.028	ug/l	99
64) Tetrachloroethene	10.721	164	224982	67.258	ug/l	99
65) Chlorobenzene	11.514	112	607873	59.396	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	202173	59.909	ug/l	100
67) Ethyl Benzene	11.593	91	1027479	59.626	ug/l	96
68) m/p-Xylenes	11.703	106	796063	120.278	ug/l	99
69) o-Xylene	12.032	106	373721	60.465	ug/l	98
70) Styrene	12.044	104	640288	61.293	ug/l	97
71) Bromoform	12.209	173	115130	59.048	ug/l #	97
73) Isopropylbenzene	12.331	105	956616	60.508	ug/l	99
74) N-amyl acetate	12.142	43	160353	50.245	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	173877	58.970	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	116878m	57.405	ug/l	
77) Bromobenzene	12.611	156	230590	60.270	ug/l	94
78) n-propylbenzene	12.672	91	1128556	58.834	ug/l	98
79) 2-Chlorotoluene	12.758	91	625286	58.239	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	744724	59.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	55070	55.768	ug/l	91
82) 4-Chlorotoluene	12.855	91	636496	57.240	ug/l	97
83) tert-Butylbenzene	13.075	119	672847	58.765	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	734900	58.867	ug/l	99
85) sec-Butylbenzene	13.251	105	990554	57.598	ug/l	99
86) p-Isopropyltoluene	13.367	119	801206	56.697	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	438616	57.781	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	419993	56.360	ug/l	99
89) n-Butylbenzene	13.696	91	712287	53.577	ug/l	99
90) Hexachloroethane	13.959	117	165729	57.193	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	380562	58.110	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19211	50.653	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	195293	51.207	ug/l	99
94) Hexachlorobutadiene	15.111	225	104764	46.306	ug/l	99
95) Naphthalene	15.239	128	353193	56.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	167510	52.345	ug/l	98

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

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