

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019105.D
 Acq On : 16 Aug 2024 20:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/19/2024
 Supervised By :Mahesh Dadoda 08/19/2024

Quant Time: Aug 17 00:10:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	112734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	182254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	168065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	85434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	54825	48.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.020%		
35) Dibromofluoromethane	7.622	113	58282	48.907	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.820%		
50) Toluene-d8	10.103	98	216388	50.458	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.920%		
62) 4-Bromofluorobenzene	12.401	95	74975	51.285	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	102.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	38168	46.146	ug/l	99
3) Chloromethane	2.068	50	75183	50.430	ug/l	100
4) Vinyl Chloride	2.196	62	97675	53.041	ug/l	99
5) Bromomethane	2.586	94	69986	63.885	ug/l	99
6) Chloroethane	2.726	64	66646	57.855	ug/l	100
7) Trichlorofluoromethane	3.043	101	139395	50.067	ug/l	94
8) Diethyl Ether	3.446	74	30126	50.130	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	60922	49.220	ug/l	98
10) Methyl Iodide	3.994	142	64503	53.167	ug/l	95
11) Tert butyl alcohol	4.842	59	23337	240.831	ug/l #	81
12) 1,1-Dichloroethene	3.775	96	56759	50.474	ug/l	92
13) Acrolein	3.641	56	20450	240.174	ug/l	100
14) Allyl chloride	4.366	41	75940	50.793	ug/l	93
15) Acrylonitrile	5.037	53	66529	270.558	ug/l	99
16) Acetone	3.854	43	46984	224.187	ug/l	90
17) Carbon Disulfide	4.092	76	166539	52.507	ug/l	97
18) Methyl Acetate	4.372	43	35512	55.211	ug/l	97
19) Methyl tert-butyl Ether	5.098	73	142443	52.248	ug/l	96
20) Methylene Chloride	4.598	84	73679	58.308	ug/l	96
21) trans-1,2-Dichloroethene	5.098	96	66358	52.819	ug/l	98
22) Diisopropyl ether	6.000	45	175997	51.421	ug/l #	88
23) Vinyl Acetate	5.945	43	694585	256.327	ug/l	96
24) 1,1-Dichloroethane	5.896	63	107747	51.477	ug/l	100
25) 2-Butanone	6.878	43	82441	244.260	ug/l	91
26) 2,2-Dichloropropane	6.866	77	73819	43.552	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	76513	51.751	ug/l	99
28) Bromochloromethane	7.232	49	46443	52.895	ug/l	96
29) Tetrahydrofuran	7.244	42	56033	258.261	ug/l	93
30) Chloroform	7.402	83	122890	52.689	ug/l	100
31) Cyclohexane	7.683	56	89350	55.768	ug/l	97
32) 1,1,1-Trichloroethane	7.604	97	105660	51.549	ug/l	98
36) 1,1-Dichloropropene	7.823	75	81256	49.655	ug/l	99
37) Ethyl Acetate	6.969	43	38009	52.426	ug/l #	97
38) Carbon Tetrachloride	7.805	117	96015	50.630	ug/l	98
39) Methylcyclohexane	9.097	83	108270	51.558	ug/l	93
40) Benzene	8.067	78	263802	52.563	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	18300	46.246	ug/l	94
42) 1,2-Dichloroethane	8.146	62	68987	50.903	ug/l	99
43) Isopropyl Acetate	8.183	43	73821	50.347	ug/l #	83
44) Trichloroethene	8.853	130	71361	50.959	ug/l	100
45) 1,2-Dichloropropane	9.134	63	59304	53.036	ug/l	100
46) Dibromomethane	9.219	93	37855	52.196	ug/l	98
47) Bromodichloromethane	9.414	83	93869	52.755	ug/l	99
48) Methyl methacrylate	9.213	41	34439	52.703	ug/l #	87
49) 1,4-Dioxane	9.213	88	8882	1010.991	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	204067	262.223	ug/l	95
52) Toluene	10.164	92	176673	53.628	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	78973	53.504	ug/l	100
54) cis-1,3-Dichloropropene	9.847	75	91617	51.612	ug/l #	92
55) 1,1,2-Trichloroethane	10.566	97	50605	54.202	ug/l	96
56) Ethyl methacrylate	10.432	69	67171	54.966	ug/l #	89
57) 1,3-Dichloropropane	10.713	76	82511	54.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.701	63	162836	280.877	ug/l	96
59) 2-Hexanone	10.755	43	137731	257.609	ug/l	93
60) Dibromochloromethane	10.908	129	67973	53.453	ug/l	100
61) 1,2-Dibromoethane	11.011	107	48637	53.897	ug/l	99
64) Tetrachloroethene	10.646	164	76235	51.895	ug/l	99
65) Chlorobenzene	11.438	112	197167	50.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	69559	51.112	ug/l	97
67) Ethyl Benzene	11.517	91	337335	50.222	ug/l	96
68) m/p-Xylenes	11.627	106	269817	101.238	ug/l	100
69) o-Xylene	11.950	106	127200	51.538	ug/l	100
70) Styrene	11.969	104	222707	52.915	ug/l	99
71) Bromoform	12.127	173	40734	52.360	ug/l #	98
73) Isopropylbenzene	12.255	105	329946	50.388	ug/l	100
74) N-amyl acetate	12.066	43	70679	49.500	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	56267	48.267	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	37559m	44.579	ug/l	
77) Bromobenzene	12.529	156	79975	50.856	ug/l	95
78) n-propylbenzene	12.590	91	393205	50.232	ug/l	100
79) 2-Chlorotoluene	12.676	91	220853	50.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	268990	50.425	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	14919	43.731	ug/l #	80
82) 4-Chlorotoluene	12.773	91	228302	50.002	ug/l	98
83) tert-Butylbenzene	12.993	119	250099	50.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	270554	50.889	ug/l	100
85) sec-Butylbenzene	13.176	105	359413	50.066	ug/l	99
86) p-Isopropyltoluene	13.291	119	302111	51.234	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	158845	51.218	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	155397	50.407	ug/l	99
89) n-Butylbenzene	13.615	91	272303	50.651	ug/l	99
90) Hexachloroethane	13.877	117	59198	50.934	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	139459	51.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8408	49.028	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	74862	48.668	ug/l	98
94) Hexachlorobutadiene	15.023	225	40578	50.646	ug/l	98
95) Naphthalene	15.145	128	142311	51.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65793	50.713	ug/l	99

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

