

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019074.D
 Acq On : 15 Aug 2024 19:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 04:58:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	132021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	206283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	182242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	93718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	62801	47.454	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.900%		
35) Dibromofluoromethane	7.622	113	67223	49.839	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.680%		
50) Toluene-d8	10.103	98	234706	48.354	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.700%		
62) 4-Bromofluorobenzene	12.401	95	83933	50.725	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	101.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	50080	51.703	ug/l	97
3) Chloromethane	2.062	50	85220	48.811	ug/l	99
4) Vinyl Chloride	2.196	62	106529	49.397	ug/l	99
5) Bromomethane	2.586	94	70376	53.908	ug/l	100
6) Chloroethane	2.726	64	67869	49.449	ug/l	100
7) Trichlorofluoromethane	3.043	101	160358	49.182	ug/l	95
8) Diethyl Ether	3.439	74	33912	48.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.799	101	70196	48.428	ug/l	98
10) Methyl Iodide	3.988	142	79503	55.958	ug/l	95
11) Tert butyl alcohol	4.842	59	28343	251.604	ug/l #	83
12) 1,1-Dichloroethene	3.775	96	64181	48.736	ug/l	98
13) Acrolein	3.635	56	25019	251.865	ug/l	94
14) Allyl chloride	4.366	41	87780	50.135	ug/l	92
15) Acrylonitrile	5.043	53	75137	260.925	ug/l	98
16) Acetone	3.854	43	64332	262.120	ug/l	92
17) Carbon Disulfide	4.092	76	186167	50.120	ug/l	98
18) Methyl Acetate	4.372	43	37009	49.132	ug/l	98
19) Methyl tert-butyl Ether	5.098	73	164248	51.444	ug/l	98
20) Methylene Chloride	4.604	84	78540	51.921	ug/l	99
21) trans-1,2-Dichloroethene	5.098	96	74408	50.574	ug/l	96
22) Diisopropyl ether	6.000	45	201730	50.329	ug/l	91
23) Vinyl Acetate	5.945	43	822131	259.073	ug/l	97
24) 1,1-Dichloroethane	5.902	63	119286	48.664	ug/l	98
25) 2-Butanone	6.872	43	102402	259.077	ug/l	91
26) 2,2-Dichloropropane	6.866	77	97533	49.136	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	86468	49.940	ug/l	99
28) Bromochloromethane	7.225	49	48329	47.002	ug/l	98
29) Tetrahydrofuran	7.244	42	64126	252.383	ug/l	93
30) Chloroform	7.408	83	138414	50.676	ug/l	98
31) Cyclohexane	7.689	56	98302	52.108	ug/l	97
32) 1,1,1-Trichloroethane	7.603	97	121481	50.609	ug/l	98
36) 1,1-Dichloropropene	7.823	75	91479	49.391	ug/l	98
37) Ethyl Acetate	6.969	43	45044	54.892	ug/l	99
38) Carbon Tetrachloride	7.805	117	111389	51.895	ug/l	99
39) Methylcyclohexane	9.097	83	119969	50.474	ug/l	100
40) Benzene	8.067	78	288131	50.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	24730m	58.284	ug/l	
42) 1,2-Dichloroethane	8.146	62	79373	51.744	ug/l	96
43) Isopropyl Acetate	8.182	43	86710	52.249	ug/l	93
44) Trichloroethene	8.853	130	78592	49.585	ug/l	98
45) 1,2-Dichloropropane	9.127	63	63928	50.511	ug/l	96
46) Dibromomethane	9.219	93	43174	52.595	ug/l	97
47) Bromodichloromethane	9.414	83	102928	51.108	ug/l	94
48) Methyl methacrylate	9.207	41	39203	53.005	ug/l #	89
49) 1,4-Dioxane	9.213	88	10236	1029.391	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	238860	271.178	ug/l	95
52) Toluene	10.164	92	188041	50.430	ug/l	98
53) t-1,3-Dichloropropene	10.383	75	87574	52.420	ug/l	99
54) cis-1,3-Dichloropropene	9.847	75	107301	53.407	ug/l #	89
55) 1,1,2-Trichloroethane	10.566	97	54118	51.212	ug/l	96
56) Ethyl methacrylate	10.432	69	74435	53.815	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	89546	51.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.700	63	166792	254.188	ug/l	95
59) 2-Hexanone	10.755	43	163845	270.754	ug/l	93
60) Dibromochloromethane	10.908	129	75051	52.144	ug/l	98
61) 1,2-Dibromoethane	11.011	107	53533	52.413	ug/l	100
64) Tetrachloroethene	10.639	164	77297	48.525	ug/l	98
65) Chlorobenzene	11.438	112	209797	49.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	74516	50.495	ug/l	98
67) Ethyl Benzene	11.517	91	367359	50.438	ug/l	95
68) m/p-Xylenes	11.627	106	293367	101.511	ug/l	99
69) o-Xylene	11.950	106	139883	52.268	ug/l	98
70) Styrene	11.968	104	238425	52.243	ug/l	98
71) Bromoform	12.127	173	44861	53.179	ug/l #	97
73) Isopropylbenzene	12.255	105	360918	50.246	ug/l	99
74) N-amyl acetate	12.072	43	81937	52.312	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	64224	50.222	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	44388m	49.866	ug/l	
77) Bromobenzene	12.529	156	85489	49.557	ug/l	98
78) n-propylbenzene	12.596	91	430996	50.193	ug/l	98
79) 2-Chlorotoluene	12.676	91	240856	50.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	295936	50.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	19163	51.206	ug/l	89
82) 4-Chlorotoluene	12.779	91	250346	49.983	ug/l	98
83) tert-Butylbenzene	12.993	119	270233	50.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	294570	50.508	ug/l	99
85) sec-Butylbenzene	13.175	105	394484	50.094	ug/l	98
86) p-Isopropyltoluene	13.291	119	329259	50.903	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	169666	49.872	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	167665	49.579	ug/l	99
89) n-Butylbenzene	13.614	91	304427	51.621	ug/l	98
90) Hexachloroethane	13.877	117	65210	51.147	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	150504	50.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9622	51.147	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	87347	51.765	ug/l	98
94) Hexachlorobutadiene	15.023	225	46512	52.921	ug/l	96
95) Naphthalene	15.145	128	168350	55.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	76286	53.603	ug/l	98

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

