

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013959.D
 Acq On : 01 Jun 2023 12:28
 Operator : KP/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 :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 06:47:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 06:43:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	257091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	415089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	377507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	170557	50.115	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.240%			
35) Dibromofluoromethane	7.710	113	136359	51.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.380%			
50) Toluene-d8	10.179	98	512498	50.933	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.477	95	175455	51.147	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	118420	52.350	ug/l	100
3) Chloromethane	2.107	50	158034	50.442	ug/l	100
4) Vinyl Chloride	2.247	62	150088	51.712	ug/l	100
5) Bromomethane	2.656	94	112688	44.589	ug/l	100
6) Chloroethane	2.790	64	99898	48.094	ug/l	100
7) Trichlorofluoromethane	3.125	101	235820	51.397	ug/l	100
8) Diethyl Ether	3.522	74	90094	50.086	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	123784	52.517	ug/l	100
10) Methyl Iodide	4.082	142	177800	54.734	ug/l	100
11) Tert butyl alcohol	4.966	59	104354	149.196	ug/l	100
12) 1,1-Dichloroethene	3.869	96	126660	51.252	ug/l	100
13) Acrolein	3.729	56	67531	210.834	ug/l	100
14) Allyl chloride	4.473	41	248145	51.740	ug/l	100
15) Acrylonitrile	5.161	53	244741	245.189	ug/l	100
16) Acetone	3.948	43	316214	271.574	ug/l	100
17) Carbon Disulfide	4.186	76	425642	50.934	ug/l	100
18) Methyl Acetate	4.473	43	205993	48.967	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	408056	51.035	ug/l	100
20) Methylene Chloride	4.710	84	162802	51.839	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	143011	51.090	ug/l	100
22) Diisopropyl ether	6.113	45	485166	52.188	ug/l	100
23) Vinyl Acetate	6.052	43	1515607	259.924	ug/l	100
24) 1,1-Dichloroethane	6.009	63	261388	50.373	ug/l	100
25) 2-Butanone	6.984	43	366172	252.433	ug/l	100
26) 2,2-Dichloropropane	6.978	77	236310	50.180	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	163045	50.874	ug/l	100
28) Bromochloromethane	7.326	49	122918	50.158	ug/l	100
29) Tetrahydrofuran	7.344	42	223231	247.473	ug/l	100
30) Chloroform	7.503	83	276273	50.709	ug/l	100
31) Cyclohexane	7.783	56	204078	49.799	ug/l	100
32) 1,1,1-Trichloroethane	7.698	97	240947	52.138	ug/l	100
36) 1,1-Dichloropropene	7.911	75	193277	51.428	ug/l	100
37) Ethyl Acetate	7.070	43	156947	47.898	ug/l	100
38) Carbon Tetrachloride	7.893	117	215732	51.226	ug/l	100
39) Methylcyclohexane	9.179	83	215460	53.701	ug/l	100
40) Benzene	8.155	78	585980	50.544	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	69280	45.747	ug/l	100
42) 1,2-Dichloroethane	8.234	62	211285	49.700	ug/l	100
43) Isopropyl Acetate	8.271	43	272562	49.402	ug/l	100
44) Trichloroethene	8.935	130	153133	50.439	ug/l	100
45) 1,2-Dichloropropane	9.216	63	150798	50.403	ug/l	100
46) Dibromomethane	9.301	93	95263	49.736	ug/l	100
47) Bromodichloromethane	9.490	83	217641	50.441	ug/l	100
48) Methyl methacrylate	9.289	41	127303	50.694	ug/l	100
49) 1,4-Dioxane	9.301	88	27757	996.504	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	774745	248.611	ug/l	100
52) Toluene	10.240	92	360791	50.800	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	237178	51.173	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	254069	51.343	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	125908	49.862	ug/l	100
56) Ethyl methacrylate	10.508	69	188675	52.040	ug/l	100
57) 1,3-Dichloropropane	10.789	76	218147	50.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	433109	243.458	ug/l	100
59) 2-Hexanone	10.831	43	585073	259.281	ug/l	100
60) Dibromochloromethane	10.984	129	160490	50.287	ug/l	100
61) 1,2-Dibromoethane	11.087	107	126001	49.664	ug/l	100
64) Tetrachloroethene	10.715	164	131648	50.904	ug/l	100
65) Chlorobenzene	11.514	112	392611	50.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	154996	51.408	ug/l	100
67) Ethyl Benzene	11.593	91	700448	52.251	ug/l	100
68) m/p-Xylenes	11.697	106	536015	104.675	ug/l	100
69) o-Xylene	12.026	106	259110	52.807	ug/l	100
70) Styrene	12.044	104	451111	53.526	ug/l	100
71) Bromoform	12.209	173	113523	51.072	ug/l	100
73) Isopropylbenzene	12.325	105	657007	51.661	ug/l	100
74) N-amyl acetate	12.142	43	248204	50.869	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	162384	48.854	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	119081m	45.836	ug/l	
77) Bromobenzene	12.605	156	173269	50.399	ug/l	100
78) n-propylbenzene	12.666	91	808936	51.900	ug/l	100
79) 2-Chlorotoluene	12.758	91	468162	50.736	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	565204	51.854	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	60453	49.463	ug/l	100
82) 4-Chlorotoluene	12.855	91	494712	50.978	ug/l	100
83) tert-Butylbenzene	13.075	119	478865	52.463	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	566902	52.071	ug/l	100
85) sec-Butylbenzene	13.251	105	689531	51.949	ug/l	100
86) p-Isopropyltoluene	13.367	119	581308	51.884	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	328480	50.311	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	327807	49.634	ug/l	100
89) n-Butylbenzene	13.697	91	556274	52.620	ug/l	100
90) Hexachloroethane	13.959	117	117007	49.760	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	302386	50.274	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31687	49.427	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	192367	52.026	ug/l	100
94) Hexachlorobutadiene	15.111	225	100431	50.994	ug/l	100
95) Naphthalene	15.233	128	427929	47.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	175391	52.080	ug/l	100

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

