

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 16:13
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

Quant Time: Aug 08 17:36:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:35:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	66223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	111388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	14309	24.658	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	49.320%#		
35) Dibromofluoromethane	7.704	113	13434	22.424	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.840%#		
50) Toluene-d8	10.173	98	56520	26.325	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	52.640%		
62) 4-Bromofluorobenzene	12.477	95	17698	20.445	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	40.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	11273	20.346	ug/l	98
3) Chloromethane	2.107	50	12480	18.853	ug/l	94
4) Vinyl Chloride	2.235	62	13284	18.668	ug/l	100
5) Bromomethane	2.625	94	8524	18.242	ug/l	99
6) Chloroethane	2.772	64	8210	21.988	ug/l	91
7) Trichlorofluoromethane	3.101	101	23488	24.843	ug/l	98
8) Diethyl Ether	3.515	74	7703	21.961	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	12915	20.054	ug/l	95
10) Methyl Iodide	4.070	142	13690	16.292	ug/l	99
11) Tert butyl alcohol	4.948	59	7478	55.190	ug/l	96
12) 1,1-Dichloroethene	3.851	96	11669	18.595	ug/l	99
13) Acrolein	3.723	56	1089	20.988	ug/l	98
14) Allyl chloride	4.460	41	21343	19.260	ug/l	97
15) Acrylonitrile	5.143	53	20800	107.240	ug/l	98
16) Acetone	3.942	43	16414	93.747	ug/l	97
17) Carbon Disulfide	4.174	76	31228	15.161	ug/l	98
18) Methyl Acetate	4.466	43	11557	23.448	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	32564	18.635	ug/l	98
20) Methylene Chloride	4.698	84	22077	24.730	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	12947	17.619	ug/l	94
22) Diisopropyl ether	6.106	45	47788	21.505	ug/l	96
23) Vinyl Acetate	6.045	43	142106	99.558	ug/l	97
24) 1,1-Dichloroethane	5.997	63	25088	19.979	ug/l	98
25) 2-Butanone	6.972	43	27995	104.786	ug/l	93
26) 2,2-Dichloropropane	6.966	77	21591	18.595	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	14858	18.348	ug/l	93
28) Bromochloromethane	7.320	49	8487	16.606	ug/l	90
29) Tetrahydrofuran	7.338	42	18480	107.774	ug/l	94
30) Chloroform	7.496	83	25538	20.141	ug/l	98
31) Cyclohexane	7.777	56	22240	17.965	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	21692	19.483	ug/l	97
36) 1,1-Dichloropropene	7.905	75	18713	18.306	ug/l	97
37) Ethyl Acetate	7.064	43	12526	21.060	ug/l	97
38) Carbon Tetrachloride	7.887	117	18804	18.016	ug/l	96
39) Methylcyclohexane	9.179	83	20887	16.462	ug/l	93
40) Benzene	8.149	78	57968	19.238	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	6751	20.881	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	15974	18.992	ug/l	100
43) Isopropyl Acetate	8.265	43	22641	20.609	ug/l	97
44) Trichloroethene	8.935	130	14940	18.005	ug/l	89
45) 1,2-Dichloropropane	9.210	63	15049	20.245	ug/l	100
46) Dibromomethane	9.295	93	8440	19.644	ug/l	95
47) Bromodichloromethane	9.490	83	18987	19.116	ug/l	95
48) Methyl methacrylate	9.289	41	9479	19.453	ug/l	93
49) 1,4-Dioxane	9.295	88	1874	329.813	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	63795	112.682	ug/l	97
52) Toluene	10.240	92	37193	19.942	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	20483	19.464	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	23172	19.296	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	12665	21.307	ug/l	98
56) Ethyl methacrylate	10.508	69	15561	19.664	ug/l	91
57) 1,3-Dichloropropane	10.782	76	20302	20.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	40551	103.192	ug/l	97
59) 2-Hexanone	10.831	43	42102	106.669	ug/l	97
60) Dibromochloromethane	10.977	129	14025	19.725	ug/l	100
61) 1,2-Dibromoethane	11.081	107	11345	19.603	ug/l	97
64) Tetrachloroethene	10.715	164	14011	16.291	ug/l	96
65) Chlorobenzene	11.514	112	38345	19.008	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	14138	19.572	ug/l	97
67) Ethyl Benzene	11.587	91	66627	18.553	ug/l	95
68) m/p-Xylenes	11.697	106	51605	36.824	ug/l	97
69) o-Xylene	12.026	106	23466	17.781	ug/l	95
70) Styrene	12.038	104	41045	18.690	ug/l	97
71) Bromoform	12.203	173	8232	18.282	ug/l #	99
73) Isopropylbenzene	12.325	105	63269	18.127	ug/l	100
74) N-amyl acetate	12.142	43	19885	20.433	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	15229	22.599	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	9863m	19.548	ug/l	
77) Bromobenzene	12.605	156	14917	17.546	ug/l	88
78) n-propylbenzene	12.666	91	81329	18.697	ug/l	97
79) 2-Chlorotoluene	12.752	91	46053	19.143	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	54327	18.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	4970	19.560	ug/l	97
82) 4-Chlorotoluene	12.849	91	48176	19.158	ug/l	99
83) tert-Butylbenzene	13.069	119	45765	17.730	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	54786	18.810	ug/l	99
85) sec-Butylbenzene	13.251	105	73019	19.008	ug/l	98
86) p-Isopropyltoluene	13.367	119	60085	18.963	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	31678	19.269	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	32367	19.495	ug/l	98
89) n-Butylbenzene	13.697	91	57520	19.232	ug/l	97
90) Hexachloroethane	13.959	117	12280	20.372	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	28880	19.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2306	20.058	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	16153	18.352	ug/l	99
94) Hexachlorobutadiene	15.111	225	9403	19.300	ug/l	96
95) Naphthalene	15.233	128	31758	17.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	14287	18.726	ug/l	99

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

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