

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 18:15
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY080822

Quant Time: Aug 08 18:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	70615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28422	51.597	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.200%			
35) Dibromofluoromethane	7.710	113	30029	47.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.380%			
50) Toluene-d8	10.173	98	91956	47.934	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.860%			
62) 4-Bromofluorobenzene	12.477	95	45184	51.393	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27197	45.146	ug/l	99
3) Chloromethane	2.101	50	36669	48.951	ug/l	99
4) Vinyl Chloride	2.235	62	38429	49.308	ug/l	98
5) Bromomethane	2.637	94	27862	52.543	ug/l	99
6) Chloroethane	2.778	64	23504	49.883	ug/l	99
7) Trichlorofluoromethane	3.107	101	59689	47.207	ug/l	100
8) Diethyl Ether	3.515	74	22271	50.577	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	34966	48.227	ug/l	97
10) Methyl Iodide	4.070	142	41753	50.160	ug/l	97
11) Tert butyl alcohol	4.948	59	18209	227.451	ug/l #	94
12) 1,1-Dichloroethene	3.851	96	33938	50.551	ug/l	96
13) Acrolein	3.716	56	1274	145.786	ug/l	92
14) Allyl chloride	4.460	41	64037	51.188	ug/l	98
15) Acrylonitrile	5.149	53	57751	244.843	ug/l	98
16) Acetone	3.936	43	56576	284.027	ug/l	94
17) Carbon Disulfide	4.174	76	114315	53.409	ug/l	98
18) Methyl Acetate	4.466	43	28869	48.062	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	95551	51.004	ug/l	100
20) Methylene Chloride	4.698	84	48290	51.093	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	40131	52.184	ug/l	94
22) Diisopropyl ether	6.106	45	135248	51.446	ug/l	97
23) Vinyl Acetate	6.045	43	446182	271.030	ug/l	97
24) 1,1-Dichloroethane	6.003	63	70020	49.285	ug/l	98
25) 2-Butanone	6.972	43	85703	261.268	ug/l	95
26) 2,2-Dichloropropane	6.966	77	60245	48.842	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	44777	51.306	ug/l	99
28) Bromochloromethane	7.319	49	23721	47.928	ug/l	90
29) Tetrahydrofuran	7.338	42	55211	257.853	ug/l	94
30) Chloroform	7.496	83	71285	49.912	ug/l	97
31) Cyclohexane	7.771	56	68745	50.148	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	62103	51.544	ug/l	98
36) 1,1-Dichloropropene	7.911	75	56303	52.992	ug/l	99
37) Ethyl Acetate	7.063	43	37030	52.530	ug/l	98
38) Carbon Tetrachloride	7.886	117	55304	52.446	ug/l	98
39) Methylcyclohexane	9.179	83	69080	55.143	ug/l	95
40) Benzene	8.149	78	171026	53.701	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19910m	51.710	ug/l	
42) 1,2-Dichloroethane	8.228	62	47940	54.253	ug/l	100
43) Isopropyl Acetate	8.264	43	66603	53.076	ug/l	97
44) Trichloroethene	8.935	130	43299	52.480	ug/l	94
45) 1,2-Dichloropropane	9.209	63	42681	51.657	ug/l	100
46) Dibromomethane	9.301	93	24846	53.794	ug/l	94
47) Bromodichloromethane	9.490	83	55825	52.673	ug/l	97
48) Methyl methacrylate	9.289	41	30073	53.875	ug/l	90
49) 1,4-Dioxane	9.289	88	5314	1002.333	ug/l	95
51) 4-Methyl-2-Pentanone	10.063	43	180645	260.476	ug/l	98
52) Toluene	10.240	92	104335	52.931	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	58354	52.512	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	66216	52.229	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	33559	50.334	ug/l	99
56) Ethyl methacrylate	10.502	69	46817	54.312	ug/l	93
57) 1,3-Dichloropropane	10.788	76	56757	50.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	101368	254.186	ug/l	98
59) 2-Hexanone	10.831	43	129291	273.123	ug/l	97
60) Dibromochloromethane	10.977	129	39830	51.891	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32450	51.190	ug/l	98
64) Tetrachloroethene	10.715	164	40141	52.434	ug/l	98
65) Chlorobenzene	11.514	112	108840	52.453	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	38663	51.546	ug/l	97
67) Ethyl Benzene	11.587	91	196743	54.745	ug/l	97
68) m/p-Xylenes	11.697	106	151691	110.322	ug/l	96
69) o-Xylene	12.026	106	71860	55.677	ug/l	98
70) Styrene	12.038	104	122092	55.156	ug/l	99
71) Bromoform	12.203	173	24363	52.588	ug/l #	99
73) Isopropylbenzene	12.325	105	188222	53.530	ug/l	99
74) N-amyl acetate	12.142	43	62051	54.388	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	41021	50.886	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	28524m	49.480	ug/l	
77) Bromobenzene	12.605	156	43711	51.478	ug/l	89
78) n-propylbenzene	12.666	91	239803	53.688	ug/l	98
79) 2-Chlorotoluene	12.751	91	132226	52.893	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	158287	53.763	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	15298	53.652	ug/l	95
82) 4-Chlorotoluene	12.849	91	138074	52.390	ug/l	97
83) tert-Butylbenzene	13.075	119	136887	53.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	156487	53.807	ug/l	99
85) sec-Butylbenzene	13.251	105	210251	53.804	ug/l	98
86) p-Isopropyltoluene	13.367	119	171172	54.109	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	87621	51.594	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	88075	50.984	ug/l	98
89) n-Butylbenzene	13.696	91	169573	54.876	ug/l	97
90) Hexachloroethane	13.959	117	34343	52.103	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	80892	52.258	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6372	49.417	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	46045	52.479	ug/l	99
94) Hexachlorobutadiene	15.111	225	25288	50.745	ug/l	99
95) Naphthalene	15.233	128	102303	55.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41694	53.411	ug/l	98

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ALS Vial : 11 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

