

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007876.D
 Acq On : 17 Mar 2022 15:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY031722

Quant Time: Mar 17 18:21:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	366571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	597820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	519799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	247821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	163128	39.030	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.060%		
35) Dibromofluoromethane	7.716	113	177318	42.234	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.460%		
50) Toluene-d8	10.179	98	607963	47.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.483	95	234665	38.945	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	109660	45.521	ug/l	99
3) Chloromethane	2.113	50	138225	46.369	ug/l	98
4) Vinyl Chloride	2.253	62	173580	46.538	ug/l	99
5) Bromomethane	2.650	94	120751	48.954	ug/l	99
6) Chloroethane	2.796	64	121668	40.586	ug/l	97
7) Trichlorofluoromethane	3.125	101	280504	41.736	ug/l	96
8) Diethyl Ether	3.527	74	102977	41.284	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	184613	42.527	ug/l	94
10) Methyl Iodide	4.094	142	195329	48.677	ug/l #	88
11) Tert butyl alcohol	4.954	59	93407	191.834	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	163448	41.063	ug/l	82
13) Acrolein	3.723	56	27384	93.375	ug/l	97
14) Allyl chloride	4.479	41	277171	41.399	ug/l #	91
15) Acrylonitrile	5.155	53	270080	203.171	ug/l	97
16) Acetone	3.942	43	250893	226.278	ug/l #	84
17) Carbon Disulfide	4.192	76	346332	45.106	ug/l	98
18) Methyl Acetate	4.472	43	113793	42.221	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	533704	42.745	ug/l	96
20) Methylene Chloride	4.716	84	213546	49.614	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	182832	41.029	ug/l	86
22) Diisopropyl ether	6.118	45	624322	43.345	ug/l	92
23) Vinyl Acetate	6.057	43	2004750	222.218	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	352009	43.388	ug/l	96
25) 2-Butanone	6.984	43	364637	205.312	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	332082	44.163	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	229816	42.966	ug/l	88
28) Bromochloromethane	7.332	49	143632	44.822	ug/l #	83
29) Tetrahydrofuran	7.344	42	219306	192.717	ug/l #	86
30) Chloroform	7.508	83	371220	44.268	ug/l	98
31) Cyclohexane	7.783	56	281044	45.846	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	327172	43.318	ug/l	97
36) 1,1-Dichloropropene	7.917	75	259787	41.719	ug/l	97
37) Ethyl Acetate	7.069	43	149829	39.433	ug/l #	91
38) Carbon Tetrachloride	7.899	117	285834	42.956	ug/l	98
39) Methylcyclohexane	9.179	83	320749	46.264	ug/l	91
40) Benzene	8.161	78	770688	42.353	ug/l	97

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41) Methacrylonitrile	7.307	41	85741m	36.590	ug/l	
42) 1,2-Dichloroethane	8.234	62	225689	42.836	ug/l	91
43) Isopropyl Acetate	8.271	43	303556	41.440	ug/l #	91
44) Trichloroethene	8.941	130	215409	42.809	ug/l	97
45) 1,2-Dichloropropane	9.215	63	204966	43.501	ug/l	94
46) Dibromomethane	9.307	93	115252	41.813	ug/l	97
47) Bromodichloromethane	9.496	83	292179	43.877	ug/l	98
48) Methyl methacrylate	9.289	41	130911	40.175	ug/l #	85
49) 1,4-Dioxane	9.295	88	28884	739.913	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	779900	202.080	ug/l	90
52) Toluene	10.246	92	500003	42.785	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	301241	42.406	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	342412	43.225	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	173321	43.281	ug/l	97
56) Ethyl methacrylate	10.508	69	238133	41.422	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	284829	42.651	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	565437	200.492	ug/l	94
59) 2-Hexanone	10.831	43	564215	204.435	ug/l	88
60) Dibromochloromethane	10.983	129	211131	44.021	ug/l	99
61) 1,2-Dibromoethane	11.087	107	162050	41.829	ug/l	100
64) Tetrachloroethene	10.721	164	172760	42.711	ug/l	96
65) Chlorobenzene	11.514	112	553677	44.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	214534	45.761	ug/l	97
67) Ethyl Benzene	11.593	91	970941	43.774	ug/l	96
68) m/p-Xylenes	11.703	106	755748	87.347	ug/l	93
69) o-Xylene	12.032	106	373875	44.673	ug/l	92
70) Styrene	12.044	104	628223	44.647	ug/l	96
71) Bromoform	12.209	173	133111	44.328	ug/l #	99
73) Isopropylbenzene	12.331	105	990185	45.393	ug/l	99
74) N-amyl acetate	12.142	43	276800	43.010	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	205730	43.814	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	158802m	44.957	ug/l	
77) Bromobenzene	12.611	156	225971	45.333	ug/l	98
78) n-propylbenzene	12.672	91	1182149	44.879	ug/l	97
79) 2-Chlorotoluene	12.758	91	669457	45.173	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	812688	45.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	71321	42.410	ug/l #	69
82) 4-Chlorotoluene	12.855	91	680093	44.175	ug/l	98
83) tert-Butylbenzene	13.075	119	729265	45.429	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	796882	45.316	ug/l	98
85) sec-Butylbenzene	13.251	105	1097300	45.611	ug/l	99
86) p-Isopropyltoluene	13.373	119	885710	45.349	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	440867	45.285	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	437992	44.889	ug/l	99
89) n-Butylbenzene	13.696	91	845977	45.135	ug/l	98
90) Hexachloroethane	13.959	117	182623	46.847	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	399887	45.666	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	32965	40.808	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	257231	46.469	ug/l	99
94) Hexachlorobutadiene	15.117	225	137586	46.588	ug/l	98
95) Naphthalene	15.239	128	550717	44.591	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	224207	45.922	ug/l	99

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

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