

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012760.D
 Acq On : 02 Mar 2023 15:07
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030223

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/03/2023
 Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 01:18:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59416	48.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.880%		
35) Dibromofluoromethane	7.716	113	56865	49.494	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.980%		
50) Toluene-d8	10.179	98	207477	49.396	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.800%		
62) 4-Bromofluorobenzene	12.483	95	69213	48.821	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59803	49.112	ug/l	97
3) Chloromethane	2.113	50	67584	46.426	ug/l	97
4) Vinyl Chloride	2.253	62	66784	50.029	ug/l	100
5) Bromomethane	2.650	94	39836	49.112	ug/l	91
6) Chloroethane	2.796	64	40645	50.841	ug/l	96
7) Trichlorofluoromethane	3.125	101	110867	50.005	ug/l	98
8) Diethyl Ether	3.528	74	37697	48.519	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	66997	50.227	ug/l	99
10) Methyl Iodide	4.095	142	88659	51.011	ug/l	99
11) Tert butyl alcohol	4.954	59	30573	213.816	ug/l	99
12) 1,1-Dichloroethene	3.875	96	65498	51.484	ug/l	98
13) Acrolein	3.729	56	48793	227.050	ug/l	99
14) Allyl chloride	4.479	41	125854	53.555	ug/l	99
15) Acrylonitrile	5.161	53	98628	240.923	ug/l	99
16) Acetone	3.942	43	117997	245.087	ug/l	96
17) Carbon Disulfide	4.198	76	220576	50.937	ug/l	99
18) Methyl Acetate	4.473	43	67341	46.969	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	170192	51.793	ug/l	99
20) Methylene Chloride	4.716	84	75655	51.675	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	71996	52.077	ug/l	95
22) Diisopropyl ether	6.119	45	230711	54.053	ug/l	99
23) Vinyl Acetate	6.058	43	695241	262.152	ug/l	97
24) 1,1-Dichloroethane	6.015	63	127374	52.370	ug/l	99
25) 2-Butanone	6.984	43	143266	240.252	ug/l	97
26) 2,2-Dichloropropane	6.978	77	110593	51.196	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	76900	51.882	ug/l	98
28) Bromochloromethane	7.332	49	46206	51.985	ug/l	94
29) Tetrahydrofuran	7.344	42	86603	240.797	ug/l	97
30) Chloroform	7.503	83	124323	51.749	ug/l	96
31) Cyclohexane	7.783	56	122454	52.127	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	112560	51.809	ug/l	98
36) 1,1-Dichloropropene	7.917	75	100143	52.013	ug/l	100
37) Ethyl Acetate	7.070	43	57704	47.551	ug/l	98
38) Carbon Tetrachloride	7.899	117	103444	52.028	ug/l	97
39) Methylcyclohexane	9.185	83	123665	54.025	ug/l	96
40) Benzene	8.161	78	280882	51.573	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	31601	48.333	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	83461	50.971	ug/l	99
43) Isopropyl Acetate	8.271	43	106691	49.278	ug/l	99
44) Trichloroethene	8.941	130	72833	50.721	ug/l	97
45) 1,2-Dichloropropane	9.216	63	71979	52.294	ug/l	97
46) Dibromomethane	9.307	93	38489	49.083	ug/l	99
47) Bromodichloromethane	9.496	83	92997	50.326	ug/l	98
48) Methyl methacrylate	9.295	41	50240	50.360	ug/l	98
49) 1,4-Dioxane	9.295	88	9500m	937.146	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	285571	243.160	ug/l	99
52) Toluene	10.246	92	169856	51.713	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	97558	50.333	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	112945	51.483	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	52249	47.845	ug/l	96
56) Ethyl methacrylate	10.508	69	73296	50.336	ug/l	97
57) 1,3-Dichloropropane	10.789	76	92636	49.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	189285	247.623	ug/l	98
59) 2-Hexanone	10.831	43	206923	242.427	ug/l	99
60) Dibromochloromethane	10.984	129	64002	48.146	ug/l	100
61) 1,2-Dibromoethane	11.087	107	49754	47.296	ug/l	99
64) Tetrachloroethene	10.721	164	60413	50.033	ug/l	98
65) Chlorobenzene	11.520	112	176592	50.736	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	64589	50.149	ug/l	99
67) Ethyl Benzene	11.593	91	325290	53.156	ug/l	99
68) m/p-Xylenes	11.703	106	247423	105.101	ug/l	98
69) o-Xylene	12.032	106	114974	52.330	ug/l	100
70) Styrene	12.044	104	192902	52.612	ug/l	99
71) Bromoform	12.209	173	39135	46.603	ug/l #	98
73) Isopropylbenzene	12.331	105	308305	55.305	ug/l	99
74) N-amyl acetate	12.142	43	91018	51.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	60585	48.347	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47213m	50.263	ug/l	
77) Bromobenzene	12.611	156	70561	52.103	ug/l	100
78) n-propylbenzene	12.672	91	380479	55.359	ug/l	100
79) 2-Chlorotoluene	12.758	91	206491	54.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	253747	55.156	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22559	49.763	ug/l	97
82) 4-Chlorotoluene	12.855	91	211577	53.508	ug/l	99
83) tert-Butylbenzene	13.075	119	217709	54.827	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	248829	55.312	ug/l	99
85) sec-Butylbenzene	13.258	105	330459	54.551	ug/l	99
86) p-Isopropyltoluene	13.373	119	272721	55.085	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	137988	52.830	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	136552	51.225	ug/l	99
89) n-Butylbenzene	13.697	91	257569	54.344	ug/l	99
90) Hexachloroethane	13.965	117	53246	51.637	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	121397	51.416	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9595	47.377	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	73367	50.468	ug/l	98
94) Hexachlorobutadiene	15.111	225	43539	49.104	ug/l	100
95) Naphthalene	15.239	128	144049	49.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	62997	48.725	ug/l	99

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

