

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011743.D
 Acq On : 09 Dec 2022 14:37
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120922

Quant Time: Dec 10 03:35:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	279178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	430787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80455	41.409	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.820%		
35) Dibromofluoromethane	7.716	113	85562	44.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.520%		
50) Toluene-d8	10.179	98	276476	43.150	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.300%		
62) 4-Bromofluorobenzene	12.483	95	110843	43.815	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53925	42.567	ug/l	99
3) Chloromethane	2.119	50	69709	46.393	ug/l	99
4) Vinyl Chloride	2.253	62	84100	46.910	ug/l	97
5) Bromomethane	2.656	94	59608	49.713	ug/l	97
6) Chloroethane	2.796	64	59732	43.147	ug/l	97
7) Trichlorofluoromethane	3.131	101	162305	42.292	ug/l	98
8) Diethyl Ether	3.534	74	60208	44.790	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	101269	44.204	ug/l	99
10) Methyl Iodide	4.095	142	119674	44.616	ug/l	100
11) Tert butyl alcohol	4.948	59	60772	271.238	ug/l	100
12) 1,1-Dichloroethene	3.875	96	91801	44.432	ug/l	98
13) Acrolein	3.729	56	87367	221.993	ug/l	100
14) Allyl chloride	4.485	41	158540	46.195	ug/l	99
15) Acrylonitrile	5.161	53	164136	227.488	ug/l	100
16) Acetone	3.948	43	189337	248.374	ug/l	98
17) Carbon Disulfide	4.198	76	201403	42.684	ug/l	100
18) Methyl Acetate	4.473	43	82330	45.185	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	299934	46.364	ug/l	99
20) Methylene Chloride	4.716	84	124745	45.433	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	102929	44.324	ug/l	97
22) Diisopropyl ether	6.119	45	352246	47.042	ug/l	99
23) Vinyl Acetate	6.058	43	1057728	247.609	ug/l	100
24) 1,1-Dichloroethane	6.021	63	204789	45.007	ug/l	100
25) 2-Butanone	6.984	43	230407	234.975	ug/l	100
26) 2,2-Dichloropropane	6.984	77	193994	45.316	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	129400	45.593	ug/l	99
28) Bromochloromethane	7.332	49	76705	46.304	ug/l	97
29) Tetrahydrofuran	7.344	42	127013	227.578	ug/l	99
30) Chloroform	7.509	83	218309	44.878	ug/l	99
31) Cyclohexane	7.783	56	154762	47.440	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	194215	44.768	ug/l	99
36) 1,1-Dichloropropene	7.917	75	148897	45.548	ug/l	99
37) Ethyl Acetate	7.070	43	87154	45.602	ug/l	99
38) Carbon Tetrachloride	7.899	117	172290	44.868	ug/l	98
39) Methylcyclohexane	9.185	83	169212	46.004	ug/l	99
40) Benzene	8.161	78	444417	45.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47849m	49.595	ug/l	
42) 1,2-Dichloroethane	8.234	62	135555	44.886	ug/l	99
43) Isopropyl Acetate	8.271	43	161406	46.575	ug/l	98
44) Trichloroethene	8.941	130	121733	44.508	ug/l	98
45) 1,2-Dichloropropane	9.216	63	115101	45.537	ug/l	100
46) Dibromomethane	9.307	93	62962	44.500	ug/l	98
47) Bromodichloromethane	9.496	83	168497	46.097	ug/l	98
48) Methyl methacrylate	9.295	41	72196	47.261	ug/l	99
49) 1,4-Dioxane	9.295	88	18393	938.369	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	452148	236.784	ug/l	100
52) Toluene	10.246	92	281895	45.405	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	166616	45.634	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	186145	45.377	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	94908	45.384	ug/l	99
56) Ethyl methacrylate	10.508	69	126198	46.747	ug/l	99
57) 1,3-Dichloropropane	10.788	76	157823	45.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	302166	241.387	ug/l	100
59) 2-Hexanone	10.831	43	331412	242.910	ug/l	100
60) Dibromochloromethane	10.984	129	117614	44.904	ug/l	99
61) 1,2-Dibromoethane	11.093	107	85633	45.200	ug/l	99
64) Tetrachloroethene	10.721	164	116261	43.860	ug/l	98
65) Chlorobenzene	11.520	112	309558	45.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	122563	46.800	ug/l	100
67) Ethyl Benzene	11.593	91	556629	46.796	ug/l	99
68) m/p-Xylenes	11.703	106	423240	92.913	ug/l	100
69) o-Xylene	12.032	106	204249	47.041	ug/l	100
70) Styrene	12.044	104	350191	47.255	ug/l	100
71) Bromoform	12.209	173	73888	45.742	ug/l	98
73) Isopropylbenzene	12.331	105	559869	48.707	ug/l	100
74) N-amyl acetate	12.142	43	133826	48.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	106154	47.420	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	85249m	47.494	ug/l	
77) Bromobenzene	12.611	156	127793	47.617	ug/l	99
78) n-propylbenzene	12.672	91	661624	48.031	ug/l	99
79) 2-Chlorotoluene	12.758	91	371506	47.256	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	464385	47.797	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	37521	47.435	ug/l	99
82) 4-Chlorotoluene	12.855	91	377965	46.353	ug/l	100
83) tert-Butylbenzene	13.075	119	412886	48.805	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	456188	47.688	ug/l	99
85) sec-Butylbenzene	13.258	105	607742	48.237	ug/l	99
86) p-Isopropyltoluene	13.367	119	503522	48.018	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	249929	46.275	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	246203	45.866	ug/l	100
89) n-Butylbenzene	13.696	91	459564	48.210	ug/l	100
90) Hexachloroethane	13.965	117	96440	46.283	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	224937	46.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17447	44.703	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	131407	46.357	ug/l	99
94) Hexachlorobutadiene	15.111	225	81072	45.013	ug/l	99
95) Naphthalene	15.239	128	265397	48.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	113565	46.381	ug/l	99

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

