

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017172.D
 Acq On : 01 Feb 2024 17:16
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020124

Quant Time: Feb 02 00:59:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/02/2024
 Supervised By :Mahesh Dadoda 02/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	136019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	201956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57977	47.713	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.420%		
35) Dibromofluoromethane	7.728	113	57956	46.239	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.480%		
50) Toluene-d8	10.191	98	217758	47.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.489	95	71853	48.064	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45687	44.308	ug/l	98
3) Chloromethane	2.119	50	92561	49.969	ug/l	97
4) Vinyl Chloride	2.253	62	114339	50.653	ug/l	99
5) Bromomethane	2.656	94	77901	49.785	ug/l	95
6) Chloroethane	2.796	64	76110	52.219	ug/l	99
7) Trichlorofluoromethane	3.131	101	116127	50.029	ug/l	97
8) Diethyl Ether	3.534	74	37385	51.203	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	69996	49.746	ug/l	98
10) Methyl Iodide	4.101	142	75181	50.823	ug/l	100
11) Tert butyl alcohol	4.960	59	25759	251.996	ug/l	98
12) 1,1-Dichloroethene	3.881	96	65232	49.476	ug/l	99
13) Acrolein	3.735	56	22965	227.016	ug/l	100
14) Allyl chloride	4.485	41	101761	51.054	ug/l	98
15) Acrylonitrile	5.174	53	84105	255.843	ug/l	99
16) Acetone	3.948	43	88971	249.123	ug/l	95
17) Carbon Disulfide	4.204	76	206846	49.147	ug/l	99
18) Methyl Acetate	4.485	43	45286	56.841	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	167252	52.672	ug/l	100
20) Methylene Chloride	4.729	84	77944	53.535	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	75408	50.276	ug/l	100
22) Diisopropyl ether	6.131	45	227397	51.951	ug/l	97
23) Vinyl Acetate	6.070	43	692416	261.073	ug/l	100
24) 1,1-Dichloroethane	6.027	63	134534	50.173	ug/l	99
25) 2-Butanone	6.996	43	119636	251.987	ug/l	100
26) 2,2-Dichloropropane	6.996	77	114344	51.267	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	84921	50.623	ug/l	99
28) Bromochloromethane	7.344	49	50346	49.037	ug/l	100
29) Tetrahydrofuran	7.362	42	70951	264.549	ug/l	99
30) Chloroform	7.521	83	137312	50.905	ug/l	99
31) Cyclohexane	7.795	56	119603	48.834	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	118485	51.067	ug/l	99
36) 1,1-Dichloropropene	7.929	75	108597	50.229	ug/l	100
37) Ethyl Acetate	7.088	43	50189	50.050	ug/l	100
38) Carbon Tetrachloride	7.911	117	104909	50.679	ug/l	98
39) Methylcyclohexane	9.197	83	133375	52.804	ug/l	96
40) Benzene	8.173	78	310007	50.210	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21403	45.048	ug/l #	78
42) 1,2-Dichloroethane	8.246	62	82212	50.291	ug/l	100
43) Isopropyl Acetate	8.283	43	92872	52.319	ug/l	99
44) Trichloroethene	8.953	130	77802	49.642	ug/l	95
45) 1,2-Dichloropropane	9.228	63	76826	50.658	ug/l	99
46) Dibromomethane	9.313	93	41279	50.389	ug/l	99
47) Bromodichloromethane	9.508	83	104330	50.889	ug/l	100
48) Methyl methacrylate	9.301	41	44266	53.164	ug/l	99
49) 1,4-Dioxane	9.307	88	9672	1084.718	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	254639	267.604	ug/l	99
52) Toluene	10.252	92	192702	51.707	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	101992	52.963	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	120641	52.303	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	56790	50.952	ug/l	98
56) Ethyl methacrylate	10.520	69	76264	50.805	ug/l	100
57) 1,3-Dichloropropane	10.801	76	98271	51.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	200288	288.448	ug/l	100
59) 2-Hexanone	10.843	43	185526	269.631	ug/l	99
60) Dibromochloromethane	10.996	129	67016	51.253	ug/l	98
61) 1,2-Dibromoethane	11.099	107	53427	51.541	ug/l	99
64) Tetrachloroethene	10.727	164	65212	49.719	ug/l	99
65) Chlorobenzene	11.526	112	196218	50.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	72279	51.051	ug/l	99
67) Ethyl Benzene	11.599	91	367476	52.191	ug/l	98
68) m/p-Xylenes	11.709	106	280383	104.933	ug/l	100
69) o-Xylene	12.038	106	131511	53.446	ug/l	100
70) Styrene	12.050	104	219335	54.099	ug/l	99
71) Bromoform	12.215	173	38549	51.990	ug/l #	100
73) Isopropylbenzene	12.337	105	348287	50.679	ug/l	100
74) N-amyl acetate	12.154	43	81878	53.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	65948	48.789	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	42474m	49.192	ug/l	
77) Bromobenzene	12.617	156	73854	48.449	ug/l	99
78) n-propylbenzene	12.678	91	432654	51.259	ug/l	100
79) 2-Chlorotoluene	12.764	91	236371	50.938	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	283182	51.811	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	21538	51.832	ug/l	98
82) 4-Chlorotoluene	12.861	91	241478	50.562	ug/l	100
83) tert-Butylbenzene	13.081	119	241607	51.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	281861	52.245	ug/l	99
85) sec-Butylbenzene	13.264	105	378223	51.652	ug/l	99
86) p-Isopropyltoluene	13.379	119	306935	52.454	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	151232	49.731	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	147726	50.002	ug/l	99
89) n-Butylbenzene	13.703	91	300756	54.059	ug/l	99
90) Hexachloroethane	13.971	117	60279	50.180	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	131396	50.755	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9025	51.259	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	70250	54.631	ug/l	98
94) Hexachlorobutadiene	15.123	225	39536	52.203	ug/l	98
95) Naphthalene	15.245	128	135299	51.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	58574	53.558	ug/l	98

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

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