

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017413.D
 Acq On : 19 Feb 2024 19:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY021924

Quant Time: Feb 20 06:18:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	158377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	263985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74427	55.009	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.020%			
35) Dibromofluoromethane	7.728	113	78662	50.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.820%			
50) Toluene-d8	10.191	98	305270	50.937	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.880%			
62) 4-Bromofluorobenzene	12.489	95	97809	48.971	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54175	42.897	ug/l	97
3) Chloromethane	2.119	50	111512	43.265	ug/l	97
4) Vinyl Chloride	2.253	62	145655	43.405	ug/l	99
5) Bromomethane	2.656	94	120506	48.798	ug/l	98
6) Chloroethane	2.796	64	96234	45.018	ug/l	98
7) Trichlorofluoromethane	3.125	101	126306	43.887	ug/l	98
8) Diethyl Ether	3.534	74	39358	48.385	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	71152	42.773	ug/l	99
10) Methyl Iodide	4.101	142	84859	47.935	ug/l	99
11) Tert butyl alcohol	4.960	59	26252	249.541	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	67655	43.270	ug/l	99
13) Acrolein	3.735	56	36152	256.798	ug/l	99
14) Allyl chloride	4.491	41	85141	44.926	ug/l	99
15) Acrylonitrile	5.167	53	80376	248.539	ug/l	100
16) Acetone	3.954	43	71080	242.578	ug/l	94
17) Carbon Disulfide	4.204	76	215008	43.285	ug/l	98
18) Methyl Acetate	4.485	43	34385	51.749	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	175642	49.732	ug/l	98
20) Methylene Chloride	4.728	84	89491	49.668	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	81911	45.294	ug/l	98
22) Diisopropyl ether	6.131	45	207081	47.509	ug/l	97
23) Vinyl Acetate	6.070	43	639552	246.891	ug/l	100
24) 1,1-Dichloroethane	6.033	63	133051	45.024	ug/l	99
25) 2-Butanone	6.996	43	102742	249.792	ug/l	100
26) 2,2-Dichloropropane	6.990	77	112640	44.299	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	91411	45.510	ug/l	99
28) Bromochloromethane	7.344	49	54986	49.592	ug/l	100
29) Tetrahydrofuran	7.356	42	62564	258.752	ug/l	99
30) Chloroform	7.515	83	141607	45.394	ug/l	99
31) Cyclohexane	7.795	56	112845	42.131	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	121265	44.011	ug/l	99
36) 1,1-Dichloropropene	7.929	75	109054	42.256	ug/l	99
37) Ethyl Acetate	7.082	43	45410	48.322	ug/l	98
38) Carbon Tetrachloride	7.911	117	108324	42.157	ug/l	99
39) Methylcyclohexane	9.197	83	134565	42.596	ug/l	98
40) Benzene	8.173	78	325063	43.110	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22490	49.005	ug/l	99
42) 1,2-Dichloroethane	8.246	62	82013	44.808	ug/l	99
43) Isopropyl Acetate	8.283	43	81939	48.250	ug/l	99
44) Trichloroethene	8.947	130	86476	42.310	ug/l	97
45) 1,2-Dichloropropane	9.228	63	76790	44.056	ug/l	100
46) Dibromomethane	9.319	93	44560	44.978	ug/l	99
47) Bromodichloromethane	9.508	83	109187	44.825	ug/l	98
48) Methyl methacrylate	9.301	41	38795	48.690	ug/l	98
49) 1,4-Dioxane	9.313	88	10232	987.470	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	226560	247.594	ug/l	99
52) Toluene	10.252	92	207493	44.078	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	104369	46.274	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	123615	44.672	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	62892	46.138	ug/l	97
56) Ethyl methacrylate	10.520	69	76390	44.828	ug/l	99
57) 1,3-Dichloropropane	10.801	76	103580	45.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	211278	259.406	ug/l	99
59) 2-Hexanone	10.843	43	160421	254.526	ug/l	100
60) Dibromochloromethane	10.996	129	74085	45.721	ug/l	99
61) 1,2-Dibromoethane	11.099	107	58657	45.995	ug/l	99
64) Tetrachloroethene	10.733	164	79553	42.017	ug/l	97
65) Chlorobenzene	11.526	112	217726	42.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	81842	43.122	ug/l	98
67) Ethyl Benzene	11.605	91	396078	43.452	ug/l	98
68) m/p-Xylenes	11.715	106	311691	86.983	ug/l	99
69) o-Xylene	12.038	106	144437	43.937	ug/l	99
70) Styrene	12.056	104	245049	45.386	ug/l	99
71) Bromoform	12.221	173	45752	46.332	ug/l #	97
73) Isopropylbenzene	12.343	105	375979	43.252	ug/l	100
74) N-amyl acetate	12.154	43	73450	48.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	69640	44.824	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	55922m	51.251	ug/l	
77) Bromobenzene	12.617	156	87263	42.803	ug/l	100
78) n-propylbenzene	12.678	91	458195	43.578	ug/l	100
79) 2-Chlorotoluene	12.770	91	251844	43.500	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	312174	44.898	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	22159	47.349	ug/l	97
82) 4-Chlorotoluene	12.867	91	261564	43.781	ug/l	99
83) tert-Butylbenzene	13.087	119	269094	44.321	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	308147	44.735	ug/l	100
85) sec-Butylbenzene	13.264	105	407970	43.748	ug/l	100
86) p-Isopropyltoluene	13.379	119	339075	44.146	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	179183	43.521	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	175267	44.088	ug/l	99
89) n-Butylbenzene	13.702	91	311750	44.627	ug/l	99
90) Hexachloroethane	13.971	117	63460	42.165	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	152733	44.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9019	45.928	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	83185	45.907	ug/l	99
94) Hexachlorobutadiene	15.117	225	46293	42.005	ug/l	99
95) Naphthalene	15.245	128	152648	45.685	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	71307	46.808	ug/l	99

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

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