

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017741.D
 Acq On : 22 Mar 2024 12:00
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 23 03:44:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	177761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	281432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	244430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	110650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	246048	158.882	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 317.760%#			
35) Dibromofluoromethane	7.740	113	261235	155.286	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 310.580%#			
50) Toluene-d8	10.197	98	1017973	158.108	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 316.220%#			
62) 4-Bromofluorobenzene	12.495	95	306034	158.292	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 316.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	185683	120.994	ug/l	100
3) Chloromethane	2.125	50	236678	119.049	ug/l	99
4) Vinyl Chloride	2.265	62	288036	119.828	ug/l	100
5) Bromomethane	2.656	94	248280	132.285	ug/l	98
6) Chloroethane	2.808	64	194022	120.773	ug/l	98
7) Trichlorofluoromethane	3.143	101	299351	118.153	ug/l	95
8) Diethyl Ether	3.546	74	116411	139.365	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.917	101	227414	126.090	ug/l	98
10) Methyl Iodide	4.119	142	297196	134.801	ug/l	99
11) Tert butyl alcohol	4.984	59	72818	706.934	ug/l #	82
12) 1,1-Dichloroethene	3.899	96	222862	131.366	ug/l	93
13) Acrolein	3.747	56	99893	804.523	ug/l	99
14) Allyl chloride	4.503	41	327546	142.464	ug/l	96
15) Acrylonitrile	5.192	53	262723	759.259	ug/l	100
16) Acetone	3.966	43	207644	766.586	ug/l	91
17) Carbon Disulfide	4.222	76	727422	128.145	ug/l	98
18) Methyl Acetate	4.503	43	103114	151.198	ug/l	95
19) Methyl tert-butyl Ether	5.253	73	560879	153.335	ug/l	100
20) Methylene Chloride	4.747	84	238227	120.932	ug/l	93
21) trans-1,2-Dichloroethene	5.253	96	256364	132.554	ug/l	97
22) Diisopropyl ether	6.149	45	730271	145.880	ug/l	98
23) Vinyl Acetate	6.088	43	2329155	792.166	ug/l	96
24) 1,1-Dichloroethane	6.045	63	443062	134.655	ug/l	98
25) 2-Butanone	7.008	43	345299	734.497	ug/l	92
26) 2,2-Dichloropropane	7.008	77	382319	136.697	ug/l	98
27) cis-1,2-Dichloroethene	7.014	96	301597	137.863	ug/l	95
28) Bromochloromethane	7.362	49	193864	151.980	ug/l	92
29) Tetrahydrofuran	7.374	42	215056	734.501	ug/l	92
30) Chloroform	7.533	83	452415	132.634	ug/l	99
31) Cyclohexane	7.807	56	399299	130.367	ug/l	93
32) 1,1,1-Trichloroethane	7.728	97	400547	134.835	ug/l	97
36) 1,1-Dichloropropene	7.941	75	344731	132.642	ug/l	98
37) Ethyl Acetate	7.100	43	151288	151.489	ug/l	97
38) Carbon Tetrachloride	7.923	117	362666	133.269	ug/l	99
39) Methylcyclohexane	9.203	83	466977	139.970	ug/l	96
40) Benzene	8.185	78	1055989	135.738	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	75475	152.997	ug/l	98
42) 1,2-Dichloroethane	8.258	62	257363	138.116	ug/l	98
43) Isopropyl Acetate	8.295	43	289034	144.914	ug/l	95
44) Trichloroethene	8.959	130	266512	130.971	ug/l	98
45) 1,2-Dichloropropane	9.234	63	245748	138.640	ug/l	99
46) Dibromomethane	9.325	93	138408	140.124	ug/l	98
47) Bromodichloromethane	9.514	83	347284	137.501	ug/l	99
48) Methyl methacrylate	9.307	41	136044	145.528	ug/l	93
49) 1,4-Dioxane	9.319	88	29780	3098.515	ug/l #	97
51) 4-Methyl-2-Pentanone	10.087	43	778662	722.413	ug/l	96
52) Toluene	10.258	92	668448	139.049	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	333198	150.848	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	389328	144.288	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	177542	140.507	ug/l	97
56) Ethyl methacrylate	10.526	69	260238	143.976	ug/l	93
57) 1,3-Dichloropropane	10.806	76	310651	142.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	675489	736.380	ug/l	98
59) 2-Hexanone	10.843	43	550731	718.850	ug/l	96
60) Dibromochloromethane	11.002	129	236942	140.189	ug/l	99
61) 1,2-Dibromoethane	11.105	107	170041	143.338	ug/l	98
64) Tetrachloroethene	10.733	164	271897	120.284	ug/l	96
65) Chlorobenzene	11.532	112	706455	134.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	247986	141.135	ug/l	99
67) Ethyl Benzene	11.605	91	1286025	142.314	ug/l	99
68) m/p-Xylenes	11.715	106	1005860	286.940	ug/l	99
69) o-Xylene	12.044	106	467855	146.185	ug/l	100
70) Styrene	12.056	104	807214	151.545	ug/l	99
71) Bromoform	12.221	173	134656	145.516	ug/l #	98
73) Isopropylbenzene	12.343	105	1190306	142.464	ug/l	99
74) N-amyl acetate	12.154	43	262461	148.061	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	194546	151.225	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	118696m	113.190	ug/l	
77) Bromobenzene	12.623	156	267737	140.748	ug/l	98
78) n-propylbenzene	12.684	91	1423782	140.771	ug/l	100
79) 2-Chlorotoluene	12.770	91	765698	138.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	938334	143.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	72193	163.260	ug/l	99
82) 4-Chlorotoluene	12.867	91	803261	141.151	ug/l	99
83) tert-Butylbenzene	13.087	119	828098	139.908	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	923517	144.028	ug/l	97
85) sec-Butylbenzene	13.263	105	1235397	139.263	ug/l	99
86) p-Isopropyltoluene	13.379	119	1069275	145.170	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	545217	141.439	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	505131	136.502	ug/l	98
89) n-Butylbenzene	13.708	91	952950	143.005	ug/l	99
90) Hexachloroethane	13.971	117	196063	130.531	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	443370	138.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	24451	144.169	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	232486	150.294	ug/l	98
94) Hexachlorobutadiene	15.123	225	125200	126.091	ug/l	98
95) Naphthalene	15.245	128	430149	145.145	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	191804	150.179	ug/l	99

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

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