

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019296.D
 Acq On : 27 Aug 2024 19:19
 Operator : SY/MD
 Sample : P3663-05MS
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 914-J-SD-0.5-1-081624MS

Quant Time: Aug 28 01:48:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	54780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	80425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	40665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	9888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	37478	68.250	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.500%			
35) Dibromofluoromethane	7.622	113	34906	66.378	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.760%			
50) Toluene-d8	10.103	98	72571	38.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 76.700%			
62) 4-Bromofluorobenzene	12.402	95	14240	22.073	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 44.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	28351	70.540	ug/l	98
3) Chloromethane	2.068	50	55812	77.042	ug/l	99
4) Vinyl Chloride	2.196	62	63985	71.505	ug/l	100
5) Bromomethane	2.586	94	42319	81.136	ug/l	98
6) Chloroethane	2.727	64	41472	77.129	ug/l	100
7) Trichlorofluoromethane	3.044	101	83274	61.553	ug/l	93
8) Diethyl Ether	3.446	74	20737	71.013	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.800	101	31937	53.100	ug/l	98
10) Methyl Iodide	3.995	142	35771	60.678	ug/l	94
11) Tert butyl alcohol	4.836	59	13200	288.483	ug/l #	87
12) 1,1-Dichloroethene	3.775	96	34579	63.282	ug/l	90
13) Acrolein	3.629	56	1422	16.037	ug/l #	55
14) Allyl chloride	4.373	41	51821	71.329	ug/l	90
15) Acrylonitrile	5.037	53	42154	352.794	ug/l	98
16) Acetone	3.854	43	32798	322.063	ug/l	89
17) Carbon Disulfide	4.092	76	87578	56.823	ug/l	100
18) Methyl Acetate	4.366	43	79080	253.017	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	99766	75.308	ug/l	97
20) Methylene Chloride	4.604	84	49866	86.262	ug/l	97
21) trans-1,2-Dichloroethene	5.098	96	35384	57.961	ug/l	98
22) Diisopropyl ether	6.000	45	117637	70.731	ug/l	96
24) 1,1-Dichloroethane	5.903	63	69341	68.175	ug/l	100
25) 2-Butanone	6.878	43	53762	327.806	ug/l #	87
26) 2,2-Dichloropropane	6.866	77	50969	61.884	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	42501	59.158	ug/l	97
28) Bromochloromethane	7.232	49	30271	70.950	ug/l	92
29) Tetrahydrofuran	7.244	42	37254	353.362	ug/l	90
30) Chloroform	7.409	83	73050	64.456	ug/l	99
31) Cyclohexane	7.689	56	30369	37.601	ug/l	97
32) 1,1,1-Trichloroethane	7.604	97	60900	61.145	ug/l	96
36) 1,1-Dichloropropene	7.823	75	36645	50.747	ug/l	98
37) Ethyl Acetate	6.970	43	20845	65.155	ug/l	97
38) Carbon Tetrachloride	7.811	117	48998	58.551	ug/l	94
39) Methylcyclohexane	9.103	83	20388	22.001	ug/l	98
40) Benzene	8.067	78	140543	63.460	ug/l	96
41) Methacrylonitrile	7.214	41	13180	75.478	ug/l	93

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42) 1,2-Dichloroethane	8.146	62	46194	77.241	ug/l	96
43) Isopropyl Acetate	8.189	43	42855	66.234	ug/l #	80
44) Trichloroethene	8.860	130	28644	46.353	ug/l	95
45) 1,2-Dichloropropane	9.134	63	31556	63.952	ug/l	99
46) Dibromomethane	9.225	93	17791	55.590	ug/l	98
47) Bromodichloromethane	9.420	83	40703	51.839	ug/l	99
48) Methyl methacrylate	9.213	41	20270	70.295	ug/l	89
49) 1,4-Dioxane	9.219	88	4717	1216.713	ug/l #	100
51) 4-Methyl-2-Pentanone	9.994	43	102305	297.907	ug/l	94
52) Toluene	10.164	92	55812	38.392	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	28816	44.241	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	36918	47.130	ug/l #	88
55) 1,1,2-Trichloroethane	10.567	97	21925	53.216	ug/l	97
56) Ethyl methacrylate	10.439	69	20250	37.551	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	35169	52.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	67896	265.397	ug/l	96
59) 2-Hexanone	10.762	43	63840	270.587	ug/l	95
60) Dibromochloromethane	10.908	129	25517	45.473	ug/l	100
61) 1,2-Dibromoethane	11.012	107	19594	49.205	ug/l	95
64) Tetrachloroethene	10.646	164	16743	47.105	ug/l	96
65) Chlorobenzene	11.438	112	47826	51.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	24441	74.224	ug/l	97
67) Ethyl Benzene	11.518	91	83296	51.253	ug/l	98
68) m/p-Xylenes	11.627	106	62372	96.721	ug/l	98
69) o-Xylene	11.957	106	30687	51.387	ug/l	99
70) Styrene	11.969	104	39990	39.269	ug/l	96
71) Bromoform	12.133	173	13507	71.756	ug/l #	97
73) Isopropylbenzene	12.255	105	63247	83.454	ug/l	97
74) N-amyl acetate	12.072	43	12631	76.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	19741	146.313	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	15853m	162.572	ug/l	
77) Bromobenzene	12.530	156	14801	81.320	ug/l	94
78) n-propylbenzene	12.597	91	58166	64.202	ug/l	99
79) 2-Chlorotoluene	12.676	91	32236	63.465	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	38234	61.927	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	5940	150.439	ug/l #	81
82) 4-Chlorotoluene	12.780	91	29095	55.058	ug/l	97
83) tert-Butylbenzene	12.999	119	38435	67.411	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	42057	68.348	ug/l	88
85) sec-Butylbenzene	13.176	105	40999	49.345	ug/l	100
86) p-Isopropyltoluene	13.292	119	30221	44.282	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	15401	42.907	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	14658	41.081	ug/l	98
89) n-Butylbenzene	13.615	91	20073	32.260	ug/l	97
90) Hexachloroethane	13.877	117	7110	52.856	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	15071	47.740	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2372	119.505	ug/l	89
93) 1,2,4-Trichlorobenzene	14.926	180	3013	16.924	ug/l	96
94) Hexachlorobutadiene	15.023	225	2214	23.875	ug/l	91
95) Naphthalene	15.145	128	6325	19.907	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.334	180	2549	16.976	ug/l	92

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

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