

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019319.D
 Acq On : 28 Aug 2024 07:01
 Operator : SY/MD
 Sample : P3707-03MSD
 Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MSD

Quant Time: Aug 28 07:32:10 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	73847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	99481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	53459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	11714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	32070	43.323	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.640%		
35) Dibromofluoromethane	7.628	113	33134	50.939	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.880%		
50) Toluene-d8	10.103	98	87665	37.451	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	74.900%		
62) 4-Bromofluorobenzene	12.408	95	14640	18.346	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	36.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	32394	59.789	ug/l	98
3) Chloromethane	2.068	50	40206	41.170	ug/l	99
4) Vinyl Chloride	2.202	62	63634	52.752	ug/l	98
5) Bromomethane	2.592	94	13904	14.704	ug/l	99
6) Chloroethane	2.727	64	36607	47.492	ug/l	94
7) Trichlorofluoromethane	3.050	101	76972	42.205	ug/l	97
8) Diethyl Ether	3.446	74	22232	56.475	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.812	101	37391	46.117	ug/l	94
10) Methyl Iodide	3.995	142	6021	7.576	ug/l	94
11) Tert butyl alcohol	4.830	59	14338	222.796	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	40106	54.446	ug/l	99
14) Allyl chloride	4.373	41	21527	21.980	ug/l #	93
15) Acrylonitrile	5.037	53	17521	108.775	ug/l #	94
16) Acetone	3.854	43	32987	240.284	ug/l #	83
17) Carbon Disulfide	4.098	76	53898	25.941	ug/l	98
18) Methyl Acetate	4.379	43	24762	58.770	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	108286	60.635	ug/l	97
20) Methylene Chloride	4.604	84	55434	68.880	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	35300	42.894	ug/l	98
22) Diisopropyl ether	6.013	45	129631	57.819	ug/l	98
24) 1,1-Dichloroethane	5.903	63	80709	58.864	ug/l	99
25) 2-Butanone	6.878	43	41669	188.470	ug/l	93
26) 2,2-Dichloropropane	6.872	77	49528	44.608	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	46235	47.739	ug/l	96
28) Bromochloromethane	7.244	49	32941	57.273	ug/l	97
29) Tetrahydrofuran	7.250	42	37562	264.293	ug/l	94
30) Chloroform	7.415	83	89887	58.834	ug/l	100
31) Cyclohexane	7.689	56	42943	39.671	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	69879	52.045	ug/l	98
36) 1,1-Dichloropropene	7.829	75	41608	46.583	ug/l	98
38) Carbon Tetrachloride	7.817	117	36806	35.557	ug/l	94
39) Methylcyclohexane	9.103	83	33787	29.476	ug/l	94
40) Benzene	8.073	78	140019	51.113	ug/l	96
41) Methacrylonitrile	7.250	41	14206m	65.770	ug/l	
42) 1,2-Dichloroethane	8.146	62	39274	53.090	ug/l	98
44) Trichloroethene	8.860	130	41951	54.883	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.140	63	35768	58.603	ug/l	98
46) Dibromomethane	9.225	93	24877	62.842	ug/l	99
47) Bromodichloromethane	9.420	83	27036	27.837	ug/l	98
48) Methyl methacrylate	9.219	41	4597	12.888	ug/l #	80
49) 1,4-Dioxane	9.225	88	6872	1433.034	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	77399	182.209	ug/l	93
52) Toluene	10.170	92	69727	38.776	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	8472	10.516	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	8485	8.757	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	24560	48.193	ug/l	98
57) 1,3-Dichloropropane	10.713	76	35930	43.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	19432	61.407	ug/l	96
59) 2-Hexanone	10.762	43	9930	34.026	ug/l	90
60) Dibromochloromethane	10.908	129	14195	20.451	ug/l	99
61) 1,2-Dibromoethane	11.012	107	13217	26.833	ug/l	96
64) Tetrachloroethene	10.646	164	29902	63.993	ug/l	99
65) Chlorobenzene	11.438	112	56278	45.719	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	24638	56.916	ug/l	99
67) Ethyl Benzene	11.518	91	116288	54.429	ug/l	98
68) m/p-Xylenes	11.627	106	82142	96.893	ug/l	99
69) o-Xylene	11.957	106	38570	49.130	ug/l	100
70) Styrene	11.975	104	23465	17.528	ug/l #	83
71) Bromoform	12.133	173	6489	26.223	ug/l #	97
73) Isopropylbenzene	12.255	105	89589	99.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	18509	115.798	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	10381m	89.862	ug/l	
77) Bromobenzene	12.530	156	15886	73.676	ug/l	98
78) n-propylbenzene	12.597	91	81064	75.529	ug/l	99
79) 2-Chlorotoluene	12.682	91	45374	75.406	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	53476	73.113	ug/l	100
82) 4-Chlorotoluene	12.780	91	38466	61.444	ug/l	98
83) tert-Butylbenzene	12.999	119	52269	77.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	45766	62.782	ug/l	100
85) sec-Butylbenzene	13.176	105	57490	58.407	ug/l	97
86) p-Isopropyltoluene	13.292	119	39656	49.049	ug/l	94
87) 1,3-Dichlorobenzene	13.292	146	18412	43.299	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	16772	39.679	ug/l	98
89) n-Butylbenzene	13.621	91	20762	28.166	ug/l	98
90) Hexachloroethane	13.883	117	3814	23.933	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	15925	42.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1695	72.085	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	2663	12.626	ug/l	94
94) Hexachlorobutadiene	15.023	225	2427	22.093	ug/l	96
95) Naphthalene	15.145	128	4130	10.972	ug/l	96
96) 1,2,3-Trichlorobenzene	15.328	180	1960	11.018	ug/l	97

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

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