

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029401.D
 Acq On : 28 Jun 2024 16:22
 Operator : SY/MD
 Sample : P3101-03MS
 Misc : 5.46g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CD6MS

Quant Time: Jun 29 02:12:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	283700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222027	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	78556	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	72615	18.492	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.960%		
7) Chloroethane-d5	2.899	69	63496	19.148	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.600%		
11) 1,1-Dichloroethene-d2	4.021	65	35831	18.899	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.600%		
21) 2-Butanone-d5	7.075	46	57049	48.560	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.120%		
24) Chloroform-d	7.648	84	182160	21.525	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.080%		
26) 1,2-Dichloroethane-d4	8.307	65	104724	21.553	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.200%		
32) Benzene-d6	8.276	84	333921	24.761	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.040%		
36) 1,2-Dichloropropane-d6	9.270	67	110376	25.747	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.000%		
41) Toluene-d8	10.325	98	274077	22.971	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.880%		
43) trans-1,3-Dichloroprop...	10.575	79	36404	21.073	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.280%		
47) 2-Hexanone-d5	10.922	63	35755	53.205	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.420%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80383	23.560	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.240%		
66) 1,2-Dichlorobenzene-d4	13.849	152	61105	22.409	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	60893	22.000	ug/L	95
3) Chloromethane	2.223	50	81520	20.656	ug/L	100
5) Vinyl chloride	2.369	62	100577	22.192	ug/L	97
6) Bromomethane	2.790	94	51597	18.942	ug/L	99
8) Chloroethane	2.936	64	64820	23.383	ug/L	98
9) Trichlorofluoromethane	3.265	101	95991	27.319	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78893	20.364	ug/L #	63
12) 1,1-Dichloroethene	4.039	96	80453	24.474	ug/L	87
13) Acetone	4.125	43	39160	39.223	ug/L	97
14) Carbon disulfide	4.387	76	210446	19.611	ug/L	100
15) Methyl Acetate	4.673	43	40111	20.237	ug/L	100
16) Methylene chloride	4.917	84	98843	19.814	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	84313	23.095	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	172532	29.540	ug/L	99
19) 1,1-Dichloroethane	6.216	63	196816	24.962	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	98607	24.495	ug/L	97
22) 2-Butanone	7.167	43	63675	46.526	ug/L	97
23) Bromochloromethane	7.514	128	43057	24.026	ug/L	94
25) Chloroform	7.679	83	190735	24.773	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137357	24.190	ug/L	99
29) Cyclohexane	7.959	56	115817	22.818	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	148004	29.978	ug/L	96
31) Carbon tetrachloride	8.069	117	118795	26.340	ug/L	99
33) Benzene	8.325	78	383342	28.735	ug/L	100
34) Trichloroethene	9.087	95	93163	26.176	ug/L	99
35) Methylcyclohexane	9.337	83	95093	16.989	ug/L	99
37) 1,2-Dichloropropane	9.368	63	110414	29.455	ug/L	99
38) Bromodichloromethane	9.642	83	133482	29.124	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	127898	24.136	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	142314	61.252	ug/L	99
42) Toluene	10.386	91	375484	27.379	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	111731	24.971	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	74739	28.627	ug/L	97
46) Tetrachloroethene	10.861	164	54273	21.814	ug/L	89
48) 2-Hexanone	10.965	43	90988	55.190	ug/L	99
49) Dibromochloromethane	11.123	129	77230	28.298	ug/L	91
50) 1,2-Dibromoethane	11.233	107	62377	26.616	ug/L #	95
51) Chlorobenzene	11.654	112	208954	23.462	ug/L	95
52) Ethylbenzene	11.727	91	370638	23.808	ug/L	95
53) m,p-Xylene	11.837	106	136335	23.976	ug/L	99
54) o-Xylene	12.160	106	131322	24.710	ug/L	93
55) Styrene	12.178	104	214766	23.178	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	83663	25.906	ug/L	94
59) Bromoform	12.343	173	39418	36.611	ug/L	99
60) Isopropylbenzene	12.459	105	319786	30.551	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	64840	37.842	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	210913	27.822	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	232556	28.512	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	112131	24.754	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	119797	24.857	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	100472	23.993	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	12845	32.124	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	50718	16.590	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	36614	14.774	ug/L	98
71) Naphthalene	15.360	128	96603	19.750	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	31694	14.036	ug/L	93

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

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