

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030018.D
 Acq On : 23 Aug 2024 18:18
 Operator : SY/MD
 Sample : P3696-02MS
 Misc : 5.77g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCN87MS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/26/2024
 Supervised By :Mahesh Dadoda 08/27/2024

Quant Time: Aug 24 05:06:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	302143	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	156563	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	34652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	59316	13.828	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.320%		
7) Chloroethane-d5	2.899	69	53293	17.402	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.600%		
11) 1,1-Dichloroethene-d2	4.021	65	26202	13.382	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.520%		
21) 2-Butanone-d5	7.075	46	56364	47.942	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.880%		
24) Chloroform-d	7.648	84	147250	18.826	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.320%		
26) 1,2-Dichloroethane-d4	8.307	65	88430	19.850	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.400%		
32) Benzene-d6	8.270	84	233971	27.658	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.640%		
36) 1,2-Dichloropropane-d6	9.270	67	75082	27.796	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.200%		
41) Toluene-d8	10.319	98	150909	20.063	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.240%		
43) trans-1,3-Dichloroprop...	10.575	79	31990	29.268	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	117.080%		
47) 2-Hexanone-d5	10.922	63	43662	98.030	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	196.060%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56988	28.414	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.640%		
66) 1,2-Dichlorobenzene-d4	13.848	152	19709	18.317	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.280%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	65732	16.140	ug/L #	88
3) Chloromethane	2.223	50	69301	13.751	ug/L	96
5) Vinyl chloride	2.375	62	88696	15.707	ug/L	97
6) Bromomethane	2.789	94	60031	19.360	ug/L	99
8) Chloroethane	2.936	64	58281	18.143	ug/L	95
9) Trichlorofluoromethane	3.265	101	83752	18.568	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	55708	12.401	ug/L	92
12) 1,1-Dichloroethene	4.045	96	70778	17.147	ug/L	86
13) Acetone	4.125	43	104731	71.682	ug/L	92
14) Carbon disulfide	4.393	76	163600	11.910	ug/L	98
15) Methyl Acetate	4.673	43	60070	24.684	ug/L #	86
16) Methylene chloride	4.923	84	109707	17.369	ug/L	85
17) trans-1,2-Dichloroethene	5.429	96	79415	17.854	ug/L	86
18) Methyl tert-butyl Ether	5.423	73	182660	24.916	ug/L	96
19) 1,1-Dichloroethane	6.222	63	161386	17.203	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	96219	19.942	ug/L	89
22) 2-Butanone	7.173	43	75431	40.293	ug/L	85
23) Bromochloromethane	7.514	128	45269	22.100	ug/L #	76
25) Chloroform	7.679	83	167207	18.918	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123456	19.166	ug/L	98
29) Cyclohexane	7.953	56	47883	10.762	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	109477	27.613	ug/L	94
31) Carbon tetrachloride	8.069	117	85789	24.013	ug/L	100
33) Benzene	8.325	78	298896	27.863	ug/L	100
34) Trichloroethene	9.093	95	66171	23.530	ug/L	97
35) Methylcyclohexane	9.331	83	31623	6.749	ug/L	92
37) 1,2-Dichloropropane	9.368	63	78952	26.857	ug/L #	97
38) Bromodichloromethane	9.642	83	107669	30.757	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	122703	28.661	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	144479	77.376	ug/L #	88
42) Toluene	10.386	91	219382	20.035	ug/L	91
44) trans-1,3-Dichloropropene	10.605	75	106073	29.846	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	67786	34.324	ug/L	93
46) Tetrachloroethene	10.861	164	25026	12.244	ug/L	93
48) 2-Hexanone	10.965	43	102228	73.099	ug/L #	88
49) Dibromochloromethane	11.123	129	66268	32.323	ug/L	96
50) 1,2-Dibromoethane	11.233	107	62371	34.133	ug/L	97
51) Chlorobenzene	11.660	112	111814	16.417	ug/L	89
52) Ethylbenzene	11.727	91	145599	11.788	ug/L	98
53) m,p-Xylene	11.837	106	51151	11.261	ug/L	98
54) o-Xylene	12.160	106	50642	12.106	ug/L	95
55) Styrene	12.178	104	97328	13.423	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	64880	26.766	ug/L #	98
59) Bromoform	12.349	173	33681	64.596	ug/L	99
60) Isopropylbenzene	12.459	105	89843	16.755	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	52837	62.693	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	54641	13.710	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	55435	13.005	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	36453	15.934	ug/L	95
65) 1,4-Dichlorobenzene	13.568	146	36280	15.438	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	35788	17.182	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	9490	49.592	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.629	180	11620	7.424	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	12817m	9.719	ug/L	
71) Naphthalene	15.360	128	44628	17.736	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	9297	7.789	ug/L #	71

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

