

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029301.D
 Acq On : 21 Jun 2024 14:46
 Operator : SY/MD
 Sample : P2982-02MS
 Misc : 4.65g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CT2MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2024
 Supervised By :Mahesh Dadoda 06/25/2024

Quant Time: Jun 21 22:55:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	424771	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	319456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	118273	20.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.480%		
7) Chloroethane-d5	2.899	69	102686	20.682	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.720%		
11) 1,1-Dichloroethene-d2	4.021	65	57155	20.134	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.520%		
21) 2-Butanone-d5	7.075	46	76590	43.542	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.080%		
24) Chloroform-d	7.648	84	277229	21.879	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.520%		
26) 1,2-Dichloroethane-d4	8.307	65	156063	21.452	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.800%		
32) Benzene-d6	8.270	84	523913	27.001	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.000%		
36) 1,2-Dichloropropane-d6	9.270	67	170582	27.656	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.640%		
41) Toluene-d8	10.325	98	430616	25.084	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.320%		
43) trans-1,3-Dichloroprop...	10.575	79	57871	23.283	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.120%		
47) 2-Hexanone-d5	10.922	63	56431	58.362	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.720%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111925	22.800	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.200%		
66) 1,2-Dichlorobenzene-d4	13.848	152	84432	22.029	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79275	19.129	ug/L	100
3) Chloromethane	2.228	50	113401	19.191	ug/L	98
5) Vinyl chloride	2.375	62	130759	19.269	ug/L	98
6) Bromomethane	2.789	94	70862	17.374	ug/L	93
8) Chloroethane	2.936	64	81394	19.610	ug/L	95
9) Trichlorofluoromethane	3.265	101	109245	20.765	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	104506m	18.017	ug/L	
12) 1,1-Dichloroethene	4.045	96	104147	21.160	ug/L	93
13) Acetone	4.118	43	42611	28.505	ug/L	93
14) Carbon disulfide	4.393	76	278774	17.351	ug/L	99
15) Methyl Acetate	4.673	43	48611	16.381	ug/L	99
16) Methylene chloride	4.917	84	131830	17.650	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	116575	21.328	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	205692	23.521	ug/L	98
19) 1,1-Dichloroethane	6.216	63	255201	21.618	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	132408	21.967	ug/L	100
22) 2-Butanone	7.173	43	78727	38.420	ug/L	99
23) Bromochloromethane	7.514	128	56604	21.096	ug/L	93
25) Chloroform	7.673	83	242247	21.014	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170626	20.069	ug/L	100
29) Cyclohexane	7.959	56	150358	20.588	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	181892	25.605	ug/L	96
31) Carbon tetrachloride	8.075	117	153057	23.586	ug/L	97
33) Benzene	8.319	78	508392	26.486	ug/L	100
34) Trichloroethene	9.087	95	121118	23.651	ug/L	95
35) Methylcyclohexane	9.337	83	124281	15.432	ug/L	99
37) 1,2-Dichloropropane	9.367	63	138302	25.642	ug/L	99
38) Bromodichloromethane	9.642	83	165611	25.113	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	183443	24.060	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	185265	55.419	ug/L	99
42) Toluene	10.386	91	475243	24.084	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	152102	23.627	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	92148	24.531	ug/L	95
46) Tetrachloroethene	10.861	164	70620	19.727	ug/L	88
48) 2-Hexanone	10.965	43	123806	52.193	ug/L	100
49) Dibromochloromethane	11.129	129	91827	23.385	ug/L	100
50) 1,2-Dibromoethane	11.233	107	80533	23.883	ug/L	96
51) Chlorobenzene	11.654	112	273501	21.344	ug/L	99
52) Ethylbenzene	11.727	91	481450	21.494	ug/L	96
53) m,p-Xylene	11.836	106	172774	21.117	ug/L	99
54) o-Xylene	12.160	106	166376	21.758	ug/L	97
55) Styrene	12.178	104	278524	20.891	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	96597	20.789	ug/L	99
59) Bromoform	12.342	173	47747	31.550	ug/L	98
60) Isopropylbenzene	12.458	105	405662	27.572	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76728	31.858	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	270458	25.382	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	289655	25.265	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	139454	21.902	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	142733	21.070	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	123740	21.022	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.482	75	14220	25.301	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	58109	13.523	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	42200	12.115	ug/L	96
71) Naphthalene	15.360	128	108124	15.727	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	35034	11.038	ug/L	99

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

