

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029918.D
 Acq On : 16 Aug 2024 08:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/19/2024
 Supervised By :Mahesh Dadoda 08/19/2024

Quant Time: Aug 17 00:26:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 16 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208442	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	199063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103779	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64478	21.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.160%		
7) Chloroethane-d5	2.899	69	55704	26.367	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.480%		
11) 1,1-Dichloroethene-d2	4.027	65	27812	20.589	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.360%		
21) 2-Butanone-d5	7.075	46	28187	34.753	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.500%		
24) Chloroform-d	7.648	84	143977	26.683	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	106.720%		
26) 1,2-Dichloroethane-d4	8.307	65	75490	24.563	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.240%		
32) Benzene-d6	8.276	84	255318	23.738	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.960%		
36) 1,2-Dichloropropane-d6	9.270	67	78189	22.767	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.080%		
41) Toluene-d8	10.319	98	240913	25.191	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.760%		
43) trans-1,3-Dichloroprop...	10.575	79	31576	22.721	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.880%		
47) 2-Hexanone-d5	10.922	63	20926	36.952	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.900%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	63639	24.956	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.840%		
66) 1,2-Dichlorobenzene-d4	13.848	152	76496	23.739	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	63429	22.575	ug/L	96
3) Chloromethane	2.229	50	67852	19.516	ug/L	95
5) Vinyl chloride	2.375	62	93437	23.985	ug/L	100
6) Bromomethane	2.796	94	61783	28.882	ug/L	95
8) Chloroethane	2.942	64	61957	27.957	ug/L	97
9) Trichlorofluoromethane	3.271	101	86361	27.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	84232	27.179	ug/L #	76
12) 1,1-Dichloroethene	4.051	96	68738	24.139	ug/L	81
13) Acetone	4.118	43	48380	47.998	ug/L	99
14) Carbon disulfide	4.393	76	197245	20.814	ug/L	96
15) Methyl Acetate	4.673	43	30735m	18.307	ug/L	
16) Methylene chloride	4.917	84	89579	20.557	ug/L	82
17) trans-1,2-Dichloroethene	5.429	96	77836	25.365	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	113878	22.517	ug/L	100
19) 1,1-Dichloroethane	6.222	63	156852	24.236	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	89224	26.805	ug/L	89
22) 2-Butanone	7.167	43	46865	36.287	ug/L	85
23) Bromochloromethane	7.514	128	38212	27.041	ug/L #	75
25) Chloroform	7.679	83	170484	27.959	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	110285	24.818	ug/L	100
29) Cyclohexane	7.959	56	111827	19.768	ug/L	93
30) 1,1,1-Trichloroethane	7.868	97	134919	26.764	ug/L	96
31) Carbon tetrachloride	8.069	117	119576	26.325	ug/L	96
33) Benzene	8.325	78	344574	25.263	ug/L	100
34) Trichloroethene	9.087	95	90051	25.185	ug/L	97
35) Methylcyclohexane	9.337	83	139541	23.421	ug/L	94
37) 1,2-Dichloropropane	9.368	63	88287	23.621	ug/L	98
38) Bromodichloromethane	9.642	83	120623	27.101	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	131028	24.071	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	86876	36.593	ug/L #	92
42) Toluene	10.386	91	374525	26.902	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	111089	24.584	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	64280	25.599	ug/L	98
46) Tetrachloroethene	10.861	164	64609	24.861	ug/L	91
48) 2-Hexanone	10.965	43	70353	39.566	ug/L #	93
49) Dibromochloromethane	11.123	129	72435	27.788	ug/L	96
50) 1,2-Dibromoethane	11.233	107	57213	24.626	ug/L	91
51) Chlorobenzene	11.654	112	228854	26.427	ug/L	97
52) Ethylbenzene	11.727	91	419524	26.714	ug/L	95
53) m,p-Xylene	11.837	106	156597	27.114	ug/L	95
54) o-Xylene	12.160	106	145096	27.281	ug/L	96
55) Styrene	12.178	104	265225	28.769	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77188	25.045	ug/L	96
59) Bromoform	12.349	173	39589	25.352	ug/L	97
60) Isopropylbenzene	12.458	105	412754	25.702	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54882	21.744	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	336504	28.191	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	336222	26.338	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	175224	25.574	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	189391	26.910	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	162781	26.095	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	11950	20.851	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	118161	25.206	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	95179	24.100	ug/L	99
71) Naphthalene	15.354	128	165930	22.019	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	86789	24.280	ug/L	98

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

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