

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111524\
 Data File : VW031020.D
 Acq On : 15 Nov 2024 12:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Nov 16 00:29:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 04:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	361794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334589	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170040	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	131794	22.211	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.840%		
7) Chloroethane-d5	2.899	69	98062	21.548	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.200%		
11) 1,1-Dichloroethene-d2	4.021	65	62824	25.659	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	102.640%		
21) 2-Butanone-d5	7.069	46	43744	44.797	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.600%		
24) Chloroform-d	7.648	84	266504	24.987	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.960%		
26) 1,2-Dichloroethane-d4	8.307	65	121521	22.915	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.680%		
32) Benzene-d6	8.270	84	542076	26.079	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.320%		
36) 1,2-Dichloropropane-d6	9.270	67	151371	24.703	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.800%		
41) Toluene-d8	10.319	98	492358	26.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.640%		
43) trans-1,3-Dichloroprop...	10.575	79	61271	24.668	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.680%		
47) 2-Hexanone-d5	10.922	63	34830	43.858	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.720%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101437	23.760	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.040%		
66) 1,2-Dichlorobenzene-d4	13.848	152	149346	24.112	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	81585	21.170	ug/L	92
3) Chloromethane	2.222	50	106099	20.432	ug/L	100
5) Vinyl chloride	2.375	62	136654	22.205	ug/L	97
6) Bromomethane	2.789	94	88333	21.860	ug/L	97
8) Chloroethane	2.936	64	82996	22.246	ug/L	97
9) Trichlorofluoromethane	3.271	101	143627	25.573	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	144026	27.855	ug/L	91
12) 1,1-Dichloroethene	4.039	96	136641	29.219	ug/L	91
13) Acetone	4.118	43	69745	58.480	ug/L	94
14) Carbon disulfide	4.387	76	426833	27.765	ug/L	100
15) Methyl Acetate	4.667	43	44262	25.302	ug/L	99
16) Methylene chloride	4.917	84	137769	26.935	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	148395	28.925	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	196649	28.400	ug/L	97
19) 1,1-Dichloroethane	6.216	63	259625	27.119	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	157966	29.025	ug/L	92
22) 2-Butanone	7.167	43	75569	56.581	ug/L	98
23) Bromochloromethane	7.508	128	68138	28.588	ug/L	91
25) Chloroform	7.673	83	273167	27.119	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155144	24.731	ug/L	95
29) Cyclohexane	7.959	56	223658	27.894	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	235479	27.398	ug/L	97
31) Carbon tetrachloride	8.069	117	209741	27.158	ug/L	99
33) Benzene	8.319	78	614836	28.510	ug/L	100
34) Trichloroethene	9.087	95	163149	27.435	ug/L	95
35) Methylcyclohexane	9.337	83	272420	28.903	ug/L	97
37) 1,2-Dichloropropane	9.368	63	147707	27.405	ug/L	98
38) Bromodichloromethane	9.642	83	185573	26.218	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	228531	28.344	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	123306	50.026	ug/L	96
42) Toluene	10.386	91	661028	28.945	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	180605	26.964	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	101932	26.348	ug/L	98
46) Tetrachloroethene	10.861	164	130301	28.661	ug/L	95
48) 2-Hexanone	10.965	43	105610	56.318	ug/L	95
49) Dibromochloromethane	11.123	129	117315	27.813	ug/L	94
50) 1,2-Dibromoethane	11.233	107	98783	27.689	ug/L	92
51) Chlorobenzene	11.654	112	420012	28.737	ug/L	99
52) Ethylbenzene	11.727	91	745286	28.883	ug/L	97
53) m,p-Xylene	11.837	106	289758	29.857	ug/L	99
54) o-Xylene	12.160	106	267318	29.935	ug/L	99
55) Styrene	12.178	104	452284	29.643	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	109501	25.936	ug/L	99
59) Bromoform	12.343	173	62077	25.567	ug/L	95
60) Isopropylbenzene	12.458	105	735669	28.363	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	77834	24.415	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	595213	29.146	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	582584	29.293	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	323629	28.416	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	325934	27.876	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	270700	26.669	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	15471	22.922	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.623	180	221865	29.356	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	175582	29.259	ug/L	99
71) Naphthalene	15.360	128	282356	29.024	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	152385	29.464	ug/L	94

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

