

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042224\
 Data File : VW028499.D
 Acq On : 22 Apr 2024 09:37
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Apr 23 02:39:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 19 21:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	301467	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	275900	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140061	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100589	20.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
7) Chloroethane-d5	2.905	69	85371	23.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.240%
11) 1,1-Dichloroethene-d2	4.021	65	45071	22.022	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.080%
21) 2-Butanone-d5	7.087	46	48811	53.972	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.940%
24) Chloroform-d	7.648	84	209406	26.620	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.480%
26) 1,2-Dichloroethane-d4	8.306	65	110953	27.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.560%
32) Benzene-d6	8.276	84	388120	25.751	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	9.270	67	119829	26.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	10.318	98	349040	25.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.880%
43) trans-1,3-Dichloroprop...	10.580	79	45811	25.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.880%
47) 2-Hexanone-d5	10.922	63	33322	53.695	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	89528	28.323	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	117505	26.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	100180	24.707	ug/L	98
3) Chloromethane	2.228	50	120076	25.223	ug/L	98
5) Vinyl chloride	2.375	62	147251	25.974	ug/L	98
6) Bromomethane	2.795	94	90243	25.478	ug/L	99
8) Chloroethane	2.936	64	88962	26.031	ug/L	97
9) Trichlorofluoromethane	3.277	101	123615	27.332	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	113552	26.687	ug/L	98
12) 1,1-Dichloroethene	4.051	96	107783	26.979	ug/L #	81
13) Acetone	4.137	43	57162	51.476	ug/L	100
14) Carbon disulfide	4.393	76	335543	25.510	ug/L	100
15) Methyl Acetate	4.679	43	45267	25.335	ug/L	100
16) Methylene chloride	4.917	84	114608	25.124	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	110853	26.341	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	156523	26.441	ug/L	99
19) 1,1-Dichloroethane	6.222	63	221758	27.046	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	118811	26.600	ug/L	97
22) 2-Butanone	7.173	43	65764	48.800	ug/L	98
23) Bromochloromethane	7.514	128	50510	26.254	ug/L	89
25) Chloroform	7.679	83	222672	27.646	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	150282	27.033	ug/L	97
29) Cyclohexane	7.959	56	201095	27.594	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	183803	27.469	ug/L	99
31) Carbon tetrachloride	8.069	117	169679	28.596	ug/L	97
33) Benzene	8.325	78	466832	27.063	ug/L	100
34) Trichloroethene	9.093	95	124977	26.734	ug/L	97
35) Methylcyclohexane	9.337	83	217621	27.280	ug/L	100
37) 1,2-Dichloropropane	9.367	63	121426	27.007	ug/L	99
38) Bromodichloromethane	9.642	83	153557	27.555	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	183655	27.855	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	126586	56.243	ug/L	99
42) Toluene	10.385	91	503153	27.533	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	149486	28.026	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	82048	26.974	ug/L	95
46) Tetrachloroethene	10.861	164	91752	26.276	ug/L	87
48) 2-Hexanone	10.965	43	96394	53.956	ug/L	97
49) Dibromochloromethane	11.129	129	92048	28.313	ug/L	96
50) 1,2-Dibromoethane	11.239	107	74907	26.981	ug/L #	99
51) Chlorobenzene	11.653	112	306538	26.986	ug/L	97
52) Ethylbenzene	11.727	91	571476	27.586	ug/L	100
53) m,p-Xylene	11.836	106	217338	28.212	ug/L	88
54) o-Xylene	12.159	106	199211	27.772	ug/L	95
55) Styrene	12.178	104	350510	28.711	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	93273	27.096	ug/L	99
59) Bromoform	12.348	173	49108	26.562	ug/L	98
60) Isopropylbenzene	12.458	105	578619	27.557	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67758	26.461	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	369439	27.605	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	451158	28.011	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	240486	26.992	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	241930	26.694	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	218030	27.821	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	14201	24.201	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	161786	26.389	ug/L	100
70) 1,2,4-trichlorobenzene	15.128	180	127416	26.613	ug/L	93
71) Naphthalene	15.360	128	235677	27.814	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	113504	26.716	ug/L	96

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

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