

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
 Data File : VW030324.D
 Acq On : 02 Oct 2024 13:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Oct 03 04:07:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 01 01:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.840	114	173426	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.632	117	157719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.552	152	77213	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.365	65	36835	27.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.720%	
7) Chloroethane-d5	2.902	69	28602	29.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.040%	
11) 1,1-Dichloroethene-d2	4.024	65	23483	23.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.960%	
21) 2-Butanone-d5	7.078	46	25812	47.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 94.720%	
24) Chloroform-d	7.651	84	110715	23.763	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 95.040%	
26) 1,2-Dichloroethane-d4	8.303	65	59650	24.529	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 98.120%	
32) Benzene-d6	8.273	84	211563	23.933	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.720%	
36) 1,2-Dichloropropane-d6	9.273	67	64691	24.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.320%	
41) Toluene-d8	10.321	98	190805	23.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.160%	
43) trans-1,3-Dichloroprop...	10.577	79	26795	24.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.920%	
47) 2-Hexanone-d5	10.919	63	21095	48.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.100%	
56) 1,1,2,2-Tetrachloroeth...	12.687	84	47634	23.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 95.920%	
66) 1,2-Dichlorobenzene-d4	13.851	152	60919	23.763	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.018	85	40825	21.536	ug/L	99
3) Chloromethane	2.225	50	38309	25.797	ug/L	97
5) Vinyl chloride	2.378	62	45109	28.574	ug/L	94
6) Bromomethane	2.792	94	27144	25.834	ug/L	90
8) Chloroethane	2.938	64	25253	29.320	ug/L	88
9) Trichlorofluoromethane	3.268	101	49778	24.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.072	101	48704	24.039	ug/L	91
12) 1,1-Dichloroethene	4.048	96	46745	23.200	ug/L	95
13) Acetone	4.121	43	31926	55.224	ug/L	100
14) Carbon disulfide	4.389	76	153486	22.907	ug/L	98
15) Methyl Acetate	4.676	43	21370	22.663	ug/L	95
16) Methylene chloride	4.920	84	54100	20.268	ug/L	91
17) trans-1,2-Dichloroethene	5.432	96	52634	22.503	ug/L	94
18) Methyl tert-butyl Ether	5.426	73	82041	22.053	ug/L	98
19) 1,1-Dichloroethane	6.218	63	106430	23.894	ug/L	97
20) cis-1,2-Dichloroethene	7.169	96	57995	22.442	ug/L	98
22) 2-Butanone	7.169	43	35532	48.078	ug/L	99
23) Bromochloromethane	7.511	128	24092	21.355	ug/L	99
25) Chloroform	7.675	83	105893	22.923	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.401	62	70620	23.052	ug/L	99
29) Cyclohexane	7.962	56	90669	26.079	ug/L	96
30) 1,1,1-Trichloroethane	7.870	97	88329	24.176	ug/L	97
31) Carbon tetrachloride	8.072	117	81470	24.950	ug/L	99
33) Benzene	8.328	78	226730	23.602	ug/L	100
34) Trichloroethene	9.096	95	59307	23.210	ug/L	96
35) Methylcyclohexane	9.340	83	98267	25.059	ug/L	94
37) 1,2-Dichloropropane	9.370	63	61339	24.201	ug/L	100
38) Bromodichloromethane	9.645	83	75336	23.674	ug/L	94
39) cis-1,3-Dichloropropene	10.071	75	92754	23.866	ug/L	100
40) 4-Methyl-2-pentanone	10.211	43	62437	47.893	ug/L	97
42) Toluene	10.388	91	243520	23.679	ug/L	99
44) trans-1,3-Dichloropropene	10.608	75	77115	23.946	ug/L	96
45) 1,1,2-Trichloroethane	10.791	97	39820	22.294	ug/L	97
46) Tetrachloroethene	10.864	164	44505	23.286	ug/L	95
48) 2-Hexanone	10.967	43	50929	53.053	ug/L	97
49) Dibromochloromethane	11.126	129	45384	22.578	ug/L	94
50) 1,2-Dibromoethane	11.236	107	37023	21.906	ug/L	99
51) Chlorobenzene	11.656	112	151229	22.755	ug/L	95
52) Ethylbenzene	11.730	91	281213	24.137	ug/L	97
53) m,p-Xylene	11.839	106	104044	23.923	ug/L	96
54) o-Xylene	12.162	106	98904	23.892	ug/L	92
55) Styrene	12.181	104	168127	23.808	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.711	83	46987	22.461	ug/L	99
59) Bromoform	12.345	173	25717	22.990	ug/L	98
60) Isopropylbenzene	12.461	105	276955	25.271	ug/L	98
61) 1,2,3-Trichloropropane	12.766	75	34070	23.211	ug/L	99
62) 1,3,5-Trimethylbenzene	12.943	105	225760	25.467	ug/L	98
63) 1,2,4-Trimethylbenzene	13.248	105	219284	25.037	ug/L	99
64) 1,3-Dichlorobenzene	13.497	146	115132	23.507	ug/L	95
65) 1,4-Dichlorobenzene	13.577	146	118215	23.627	ug/L	95
67) 1,2-Dichlorobenzene	13.863	146	103606	23.728	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.479	75	7581	22.541	ug/L	96
69) 1,3,5-Trichlorobenzene	14.625	180	74289	21.977	ug/L	97
70) 1,2,4-trichlorobenzene	15.125	180	63355	22.637	ug/L	99
71) Naphthalene	15.357	128	111270	21.735	ug/L	100
72) 1,2,3-Trichlorobenzene	15.546	180	58035	23.690	ug/L	96

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

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