

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072524\
 Data File : VW029723.D
 Acq On : 25 Jul 2024 08:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: Jul 26 01:27:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	279841	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	250524	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	121347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88151	22.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.760%
7) Chloroethane-d5	2.899	69	68601	24.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.760%
11) 1,1-Dichloroethene-d2	4.021	65	43431	23.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.800%
21) 2-Butanone-d5	7.081	46	51635	47.420	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.840%
24) Chloroform-d	7.648	84	184659	25.491	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.960%
26) 1,2-Dichloroethane-d4	8.307	65	106382	25.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.120%
32) Benzene-d6	8.276	84	362859	26.806	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.240%
36) 1,2-Dichloropropane-d6	9.270	67	113663	26.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.200%
41) Toluene-d8	10.318	98	323123	26.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	10.575	79	47016	26.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.520%
47) 2-Hexanone-d5	10.922	63	36948	51.843	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84360	26.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	99941	26.524	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	88472	23.454	ug/L	95
3) Chloromethane	2.222	50	110070	23.581	ug/L	98
5) Vinyl chloride	2.375	62	122137	23.353	ug/L	98
6) Bromomethane	2.789	94	64519	22.466	ug/L	95
8) Chloroethane	2.936	64	69621	23.400	ug/L	99
9) Trichlorofluoromethane	3.265	101	95032	22.748	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88306	21.224	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	85568	22.382	ug/L	94
13) Acetone	4.137	43	72841	53.828	ug/L	97
14) Carbon disulfide	4.393	76	305156	23.986	ug/L	99
15) Methyl Acetate	4.679	43	49285	21.866	ug/L	99
16) Methylene chloride	4.917	84	104777	17.910	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	96419	23.404	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	154924	22.817	ug/L	99
19) 1,1-Dichloroethane	6.222	63	197794	22.764	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	102973	23.043	ug/L	97
22) 2-Butanone	7.173	43	83239	48.007	ug/L	100
23) Bromochloromethane	7.520	128	42566	22.437	ug/L	88
25) Chloroform	7.673	83	186117	22.735	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133972	22.456	ug/L	99
29) Cyclohexane	7.959	56	174897	24.566	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	148414	23.394	ug/L	99
31) Carbon tetrachloride	8.069	117	134457	23.520	ug/L	96
33) Benzene	8.325	78	411010	23.944	ug/L	100
34) Trichloroethene	9.093	95	104363	23.193	ug/L	96
35) Methylcyclohexane	9.337	83	181628	24.223	ug/L	98
37) 1,2-Dichloropropane	9.367	63	110549	23.501	ug/L	100
38) Bromodichloromethane	9.642	83	132192	23.599	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	169212	24.701	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	141877	47.484	ug/L	99
42) Toluene	10.386	91	413128	23.579	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	139643	24.555	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	72457	22.929	ug/L	98
46) Tetrachloroethene	10.861	164	73466	22.463	ug/L	92
48) 2-Hexanone	10.965	43	116620	52.114	ug/L	100
49) Dibromochloromethane	11.123	129	79888	24.352	ug/L	99
50) 1,2-Dibromoethane	11.233	107	68275	23.350	ug/L	96
51) Chlorobenzene	11.654	112	256655	23.549	ug/L	97
52) Ethylbenzene	11.727	91	479256	24.249	ug/L	99
53) m,p-Xylene	11.836	106	175864	24.195	ug/L	94
54) o-Xylene	12.166	106	166294	24.844	ug/L	95
55) Styrene	12.178	104	281058	24.224	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	88403	22.792	ug/L #	99
59) Bromoform	12.349	173	41503	22.730	ug/L	98
60) Isopropylbenzene	12.458	105	467255	24.884	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65411	22.163	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	372471	26.687	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	373222	25.004	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	195443	24.395	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	187486	22.782	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	170430	23.366	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14417	21.514	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	127962	23.345	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	104946	22.726	ug/L	98
71) Naphthalene	15.360	128	214645	24.360	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93298	22.322	ug/L	91

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

