

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080124\
 Data File : VW029821.D
 Acq On : 01 Aug 2024 09:41
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Aug 02 01:39:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 01 04:42:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	239579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112321	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	63009	18.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
7) Chloroethane-d5	2.893	69	53032	21.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	4.021	65	31648	20.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.520%
21) 2-Butanone-d5	7.075	46	45686	49.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.020%
24) Chloroform-d	7.648	84	161813	26.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.301	65	92456	26.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.680%
32) Benzene-d6	8.270	84	300940	24.422	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	9.270	67	98637	25.069	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.280%
41) Toluene-d8	10.318	98	267494	24.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.575	79	39248	24.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.600%
47) 2-Hexanone-d5	10.922	63	31400	48.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77823	26.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	88138	25.271	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85197	26.382	ug/L	93
3) Chloromethane	2.222	50	102937	25.759	ug/L	98
5) Vinyl chloride	2.381	62	114446	25.560	ug/L	97
6) Bromomethane	2.789	94	62610	25.465	ug/L	95
8) Chloroethane	2.936	64	68320	26.822	ug/L	94
9) Trichlorofluoromethane	3.265	101	85699	23.961	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87074	24.444	ug/L	96
12) 1,1-Dichloroethene	4.045	96	83267	25.441	ug/L	92
13) Acetone	4.118	43	72004	62.152	ug/L	97
14) Carbon disulfide	4.387	76	279004	25.616	ug/L	98
15) Methyl Acetate	4.667	43	50307	26.070	ug/L	100
16) Methylene chloride	4.923	84	103368	20.639	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	91586	25.967	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	147592	25.390	ug/L	97
19) 1,1-Dichloroethane	6.216	63	197121	26.499	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	101209	26.454	ug/L	96
22) 2-Butanone	7.167	43	79601	53.624	ug/L	99
23) Bromochloromethane	7.514	128	42435	26.127	ug/L	94
25) Chloroform	7.673	83	191503	27.325	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137466	26.914	ug/L	99
29) Cyclohexane	7.953	56	162133	25.017	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	146804	25.420	ug/L	99
31) Carbon tetrachloride	8.069	117	135766	26.089	ug/L	99
33) Benzene	8.319	78	410600	26.277	ug/L	100
34) Trichloroethene	9.087	95	103797	25.339	ug/L	90
35) Methylcyclohexane	9.337	83	170074	24.917	ug/L	97
37) 1,2-Dichloropropane	9.367	63	112988	26.386	ug/L	99
38) Bromodichloromethane	9.642	83	136003	26.671	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	164843	26.433	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	141514	52.029	ug/L	100
42) Toluene	10.386	91	429309	26.916	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	139489	26.944	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75664	26.302	ug/L	96
46) Tetrachloroethene	10.861	164	73745	24.769	ug/L	90
48) 2-Hexanone	10.965	43	118692	58.265	ug/L	97
49) Dibromochloromethane	11.123	129	80599	26.989	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67140	25.224	ug/L	94
51) Chlorobenzene	11.654	112	268729	27.086	ug/L	97
52) Ethylbenzene	11.727	91	479620	26.658	ug/L	100
53) m,p-Xylene	11.836	106	174888	26.431	ug/L	96
54) o-Xylene	12.160	106	167842	27.545	ug/L	96
55) Styrene	12.178	104	295577	27.985	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	91508	25.917	ug/L	96
59) Bromoform	12.349	173	44632	26.408	ug/L	99
60) Isopropylbenzene	12.458	105	453352	26.084	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67730	24.793	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	380343	29.441	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	373019	26.998	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	195460	26.358	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	197776	25.964	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	173473	25.694	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15032	24.234	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	125556	24.747	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	103147	24.131	ug/L	94
71) Naphthalene	15.360	128	205276	25.169	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97244	25.136	ug/L	97

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

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