

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029514.D
 Acq On : 10 Jul 2024 18:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Jul 11 02:19:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 11 02:12:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	265573	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242044	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122823	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84131	19.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.440%
7) Chloroethane-d5	2.899	69	64701	20.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.760%
11) 1,1-Dichloroethene-d2	4.021	65	40759	21.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	7.075	46	48549	37.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.400%
24) Chloroform-d	7.648	84	177284	23.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.307	65	100807	22.386	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.560%
32) Benzene-d6	8.276	84	342361	23.611	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.276	67	109604	23.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.324	98	302628	23.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.920%
43) trans-1,3-Dichloroprop...	10.574	79	41825	21.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.200%
47) 2-Hexanone-d5	10.922	63	34159	40.548	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79948	21.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	95036	22.218	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50537	19.433	ug/L	92
3) Chloromethane	2.222	50	77543	22.286	ug/L	98
5) Vinyl chloride	2.375	62	90706	22.844	ug/L	95
6) Bromomethane	2.789	94	56708	24.120	ug/L	92
8) Chloroethane	2.936	64	59296	24.269	ug/L	98
9) Trichlorofluoromethane	3.265	101	84038	23.512	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	86833	24.686	ug/L	95
12) 1,1-Dichloroethene	4.045	96	79959	24.210	ug/L	90
13) Acetone	4.118	43	48395	37.231	ug/L	96
14) Carbon disulfide	4.399	76	255505	23.822	ug/L	98
15) Methyl Acetate	4.667	43	50380	22.076	ug/L	99
16) Methylene chloride	4.923	84	114993	24.186	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	91659	25.070	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	155492	24.996	ug/L	100
19) 1,1-Dichloroethane	6.215	63	194864	25.953	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	103216	25.817	ug/L	98
22) 2-Butanone	7.166	43	67184	39.371	ug/L	100
23) Bromochloromethane	7.520	128	45003	25.026	ug/L	85
25) Chloroform	7.673	83	190800	26.263	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137728	25.276	ug/L #	95
29) Cyclohexane	7.959	56	157969	26.210	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	145361	26.299	ug/L	99
31) Carbon tetrachloride	8.069	117	131763	26.030	ug/L	99
33) Benzene	8.325	78	412372	27.230	ug/L	100
34) Trichloroethene	9.093	95	104312	26.084	ug/L	88
35) Methylcyclohexane	9.337	83	173804	27.039	ug/L	98
37) 1,2-Dichloropropane	9.367	63	115231	27.516	ug/L	99
38) Bromodichloromethane	9.642	83	136250	26.637	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	167458	26.624	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	144109	48.828	ug/L	100
42) Toluene	10.385	91	427383	27.586	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	138601	25.710	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	77208	25.636	ug/L	99
46) Tetrachloroethene	10.861	164	74851	26.345	ug/L	80
48) 2-Hexanone	10.965	43	101960	45.984	ug/L	98
49) Dibromochloromethane	11.129	129	81416	25.976	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71272	24.833	ug/L	98
51) Chlorobenzene	11.653	112	262821	26.242	ug/L	99
52) Ethylbenzene	11.727	91	485386	27.653	ug/L	99
53) m,p-Xylene	11.836	106	178126	27.644	ug/L	98
54) o-Xylene	12.160	106	172019	28.863	ug/L	95
55) Styrene	12.178	104	302045	28.822	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	93353	24.573	ug/L	98
59) Bromoform	12.348	173	42935	22.646	ug/L	100
60) Isopropylbenzene	12.458	105	464611	26.885	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69388	23.343	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	349213	28.408	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	374491	27.603	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	195981	25.300	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	203326	25.621	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	178136	25.440	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	14718	20.711	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.622	180	128773	25.483	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	107639	24.208	ug/L	99
71) Naphthalene	15.360	128	218938	23.459	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	97882	24.229	ug/L	99

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

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