

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029460.D
 Acq On : 02 Jul 2024 21:30
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Jul 03 05:49:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	227069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	216902	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106354	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	49880	15.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.480%
7) Chloroethane-d5	2.899	69	46625	17.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.280%
11) 1,1-Dichloroethene-d2	4.027	65	26268	17.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.240%
21) 2-Butanone-d5	7.075	46	48959	52.067	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.140%
24) Chloroform-d	7.648	84	147854	21.828	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.320%
26) 1,2-Dichloroethane-d4	8.301	65	86230	22.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.680%
32) Benzene-d6	8.276	84	269814	20.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.920%
36) 1,2-Dichloropropane-d6	9.270	67	92035	21.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.920%
41) Toluene-d8	10.319	98	240439	20.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.520%
43) trans-1,3-Dichloroprop...	10.575	79	35112	20.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.240%
47) 2-Hexanone-d5	10.922	63	33475	50.989	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77948	23.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	87853	23.798	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	40714	18.378	ug/L	99
3) Chloromethane	2.222	50	56172	17.783	ug/L	96
5) Vinyl chloride	2.375	62	67032	18.479	ug/L	94
6) Bromomethane	2.789	94	41012	18.811	ug/L	96
8) Chloroethane	2.936	64	44578	20.092	ug/L	99
9) Trichlorofluoromethane	3.271	101	65252	23.202	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	63867	20.597	ug/L	95
12) 1,1-Dichloroethene	4.045	96	58932	22.399	ug/L	82
13) Acetone	4.118	43	30972	38.759	ug/L	99
14) Carbon disulfide	4.393	76	159642	18.587	ug/L	99
15) Methyl Acetate	4.667	43	39359	24.811	ug/L	99
16) Methylene chloride	4.923	84	83404	20.889	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	66453	22.743	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	122500	26.204	ug/L	98
19) 1,1-Dichloroethane	6.216	63	151466	24.002	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	80058	24.847	ug/L	95
22) 2-Butanone	7.173	43	49456	45.149	ug/L	99
23) Bromochloromethane	7.508	128	34305	23.917	ug/L	95
25) Chloroform	7.673	83	151671	24.613	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	107205	23.588	ug/L	100
29) Cyclohexane	7.959	56	108003	21.781	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	113954	23.626	ug/L	96
31) Carbon tetrachloride	8.069	117	99344	22.547	ug/L	96
33) Benzene	8.325	78	304947	23.399	ug/L	100
34) Trichloroethene	9.093	95	78781	22.658	ug/L	95
35) Methylcyclohexane	9.337	83	117829	21.548	ug/L	99
37) 1,2-Dichloropropane	9.368	63	89487	24.436	ug/L	98
38) Bromodichloromethane	9.642	83	109859	24.536	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	126652	24.466	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	113178	49.863	ug/L	98
42) Toluene	10.386	91	320035	23.887	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	106726	24.416	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	61755	24.213	ug/L	95
46) Tetrachloroethene	10.861	164	56076	23.071	ug/L	93
48) 2-Hexanone	10.965	43	77601	48.182	ug/L	99
49) Dibromochloromethane	11.123	129	66032	24.767	ug/L	99
50) 1,2-Dibromoethane	11.233	107	54907	23.982	ug/L	97
51) Chlorobenzene	11.654	112	207117	23.806	ug/L	98
52) Ethylbenzene	11.727	91	373752	24.575	ug/L	100
53) m,p-Xylene	11.837	106	137162	24.691	ug/L	99
54) o-Xylene	12.160	106	130023	25.044	ug/L	97
55) Styrene	12.178	104	228561	25.249	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	75268	23.857	ug/L	99
59) Bromoform	12.343	173	36098	24.765	ug/L	97
60) Isopropylbenzene	12.458	105	359909	25.397	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	55780	24.046	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	269457	26.255	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	293210	26.553	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	155399	25.340	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	158744	24.329	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	141959	25.039	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12275	22.675	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	100421	24.263	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	79686	23.750	ug/L	94
71) Naphthalene	15.360	128	171854	25.952	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	78461	25.665	ug/L	97

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

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