

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032124\
 Data File : VW028225.D
 Acq On : 21 Mar 2024 16:45
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Mar 22 01:32:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 22 01:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	182474	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	163653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	87997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	47590	22.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
7) Chloroethane-d5	2.905	69	37067	24.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	4.027	65	33303	24.598	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.400%
21) 2-Butanone-d5	7.081	46	36144	57.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.800%
24) Chloroform-d	7.648	84	153915	28.605	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.440%
26) 1,2-Dichloroethane-d4	8.306	65	83501	28.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.640%
32) Benzene-d6	8.276	84	287946	28.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.280%
36) 1,2-Dichloropropane-d6	9.276	67	83376	28.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.000%
41) Toluene-d8	10.318	98	266874	28.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.840%
43) trans-1,3-Dichloroprop...	10.574	79	37644	28.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.280%
47) 2-Hexanone-d5	10.922	63	28987	60.989	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64517	30.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.520%#
66) 1,2-Dichlorobenzene-d4	13.848	152	91254	28.467	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53030	20.034	ug/L	96
3) Chloromethane	2.222	50	38375	20.440	ug/L	96
5) Vinyl chloride	2.381	62	46887	22.093	ug/L	94
6) Bromomethane	2.795	94	28559	22.596	ug/L	94
8) Chloroethane	2.935	64	25843	22.656	ug/L	98
9) Trichlorofluoromethane	3.271	101	61145	23.830	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.081	101	60939	23.907	ug/L	97
12) 1,1-Dichloroethene	4.051	96	56644	24.039	ug/L	92
13) Acetone	4.136	43	24086	34.449	ug/L	98
14) Carbon disulfide	4.392	76	169489	23.062	ug/L	99
15) Methyl Acetate	4.673	43	25052	23.262	ug/L	100
16) Methylene chloride	4.923	84	58126	20.929	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	60182	24.033	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	94802	25.092	ug/L	100
19) 1,1-Dichloroethane	6.221	63	118480	24.439	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	65937	24.381	ug/L	96
22) 2-Butanone	7.178	43	33298	41.946	ug/L	98
23) Bromochloromethane	7.520	128	28467	23.809	ug/L	95
25) Chloroform	7.678	83	122325	24.510	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	84262	23.908	ug/L	100
29) Cyclohexane	7.959	56	104036	24.372	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	109722	25.577	ug/L	99
31) Carbon tetrachloride	8.069	117	101914	25.327	ug/L	97
33) Benzene	8.325	78	254506	25.273	ug/L	100
34) Trichloroethene	9.093	95	69813	24.848	ug/L	97
35) Methylcyclohexane	9.337	83	115200	24.257	ug/L	99
37) 1,2-Dichloropropane	9.367	63	63887	24.803	ug/L	100
38) Bromodichloromethane	9.641	83	87485	25.191	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	104179	25.255	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	69444	48.842	ug/L	99
42) Toluene	10.385	91	277021	25.205	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	87246	25.051	ug/L	99
45) 1,1,2-Trichloroethane	10.781	97	47178	25.350	ug/L	96
46) Tetrachloroethene	10.861	164	55772	24.626	ug/L	94
48) 2-Hexanone	10.964	43	48950	43.950	ug/L	98
49) Dibromochloromethane	11.129	129	55714	25.278	ug/L	95
50) 1,2-Dibromoethane	11.233	107	43507	24.449	ug/L	98
51) Chlorobenzene	11.653	112	174934	25.076	ug/L	97
52) Ethylbenzene	11.726	91	321622	25.068	ug/L	99
53) m,p-Xylene	11.836	106	118969	24.641	ug/L	100
54) o-Xylene	12.165	106	114490	25.571	ug/L	95
55) Styrene	12.178	104	194662	25.312	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	52251	24.546	ug/L	97
59) Bromoform	12.342	173	31787	24.107	ug/L	100
60) Isopropylbenzene	12.458	105	330049	25.244	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	38921	23.175	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	220349	25.118	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	266746	25.182	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	140507	24.089	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	140032	24.009	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	125352	24.956	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	9185	23.282	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	95227	23.438	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	81213	23.529	ug/L	97
71) Naphthalene	15.360	128	149722	25.273	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71098	24.987	ug/L	99

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

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