

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029712.D
 Acq On : 24 Jul 2024 14:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Jul 25 01:51:55 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	8.837	114	250550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	214987	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	84228	23.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
7) Chloroethane-d5	2.899	69	64476	25.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.560%
11) 1,1-Dichloroethene-d2	4.021	65	41171	25.356	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.440%
21) 2-Butanone-d5	7.081	46	33061	33.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.820%
24) Chloroform-d	7.648	84	167083	25.761	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	8.307	65	85943	23.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.040%
32) Benzene-d6	8.276	84	333779	28.734	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.920%
36) 1,2-Dichloropropane-d6	9.270	67	98583	26.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.320%
41) Toluene-d8	10.319	98	302679	29.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.200%
43) trans-1,3-Dichloroprop...	10.575	79	35757	23.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.280%
47) 2-Hexanone-d5	10.922	63	20819	34.040	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	56878	20.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	82146	25.531	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71982	21.314	ug/L	99
3) Chloromethane	2.222	50	101068	24.184	ug/L	99
5) Vinyl chloride	2.375	62	112165	23.953	ug/L	100
6) Bromomethane	2.789	94	61395	23.877	ug/L	99
8) Chloroethane	2.936	64	66684	25.033	ug/L	99
9) Trichlorofluoromethane	3.265	101	86534	23.135	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	79377	21.308	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	80450	23.504	ug/L	96
13) Acetone	4.118	43	52329	43.191	ug/L	99
14) Carbon disulfide	4.387	76	280395	24.616	ug/L	97
15) Methyl Acetate	4.673	43	31060	15.391	ug/L	98
16) Methylene chloride	4.911	84	97810	18.674	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	88514	23.997	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	105376	17.334	ug/L	96
19) 1,1-Dichloroethane	6.216	63	178037	22.886	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	91076	22.763	ug/L	93
22) 2-Butanone	7.167	43	53592	34.522	ug/L	99
23) Bromochloromethane	7.514	128	35878	21.122	ug/L	90
25) Chloroform	7.673	83	168586	23.001	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	107071	20.045	ug/L	100
29) Cyclohexane	7.959	56	155230	25.408	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	136337	25.042	ug/L	98
31) Carbon tetrachloride	8.069	117	123875	25.251	ug/L	97
33) Benzene	8.319	78	370939	25.182	ug/L	100
34) Trichloroethene	9.093	95	95948	24.847	ug/L	96
35) Methylcyclohexane	9.331	83	165200	25.674	ug/L	98
37) 1,2-Dichloropropane	9.367	63	97240	24.089	ug/L	100
38) Bromodichloromethane	9.642	83	112150	23.331	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	135337	23.021	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	84755	33.055	ug/L	99
42) Toluene	10.386	91	388207	25.819	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	105320	21.581	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	54361	20.046	ug/L	90
46) Tetrachloroethene	10.861	164	69655	24.818	ug/L	89
48) 2-Hexanone	10.965	43	71379	37.170	ug/L	98
49) Dibromochloromethane	11.123	129	59506	21.137	ug/L	98
50) 1,2-Dibromoethane	11.233	107	49869	19.875	ug/L #	89
51) Chlorobenzene	11.654	112	222065	23.744	ug/L	98
52) Ethylbenzene	11.727	91	428818	25.283	ug/L	99
53) m,p-Xylene	11.837	106	159534	25.576	ug/L	95
54) o-Xylene	12.160	106	148872	25.917	ug/L	98
55) Styrene	12.178	104	256151	25.727	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	58349	17.530	ug/L	98
59) Bromoform	12.349	173	29548	18.951	ug/L	100
60) Isopropylbenzene	12.458	105	421140	26.265	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44211	17.543	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	343261	28.801	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	325162	25.510	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	165343	24.169	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	163949	23.330	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	141724	22.754	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	9345	16.331	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	110830	23.678	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	79703	20.212	ug/L	100
71) Naphthalene	15.360	128	130957	17.405	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71793	20.115	ug/L	98

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

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