

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072123\
 Data File : VW026638.D
 Acq On : 21 Jul 2023 14:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Jul 22 01:29:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 22 01:25:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	653485	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575818	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287403	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	186470	16.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.680%
7) Chloroethane-d5	2.893	69	147859	19.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.480%
11) 1,1-Dichloroethene-d2	4.027	65	90836	17.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.200%
21) 2-Butanone-d5	7.075	46	118155	33.167	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.340%
24) Chloroform-d	7.648	84	427396	22.717	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	8.301	65	225668	21.482	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.920%
32) Benzene-d6	8.276	84	841269	21.283	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.270	67	265055	21.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	10.325	98	725113	21.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.575	79	99045	20.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.320%
47) 2-Hexanone-d5	10.922	63	82342	34.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196133	19.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.240%
66) 1,2-Dichlorobenzene-d4	13.854	152	231988	21.985	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	134448	18.239	ug/L	97
3) Chloromethane	2.228	50	240714	22.854	ug/L	100
5) Vinyl chloride	2.381	62	234646	21.139	ug/L	94
6) Bromomethane	2.789	94	138596	23.488	ug/L	99
8) Chloroethane	2.930	64	145780	23.487	ug/L	98
9) Trichlorofluoromethane	3.265	101	158253	19.248	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	202712	22.216	ug/L	98
12) 1,1-Dichloroethene	4.051	96	205717	23.499	ug/L	81
13) Acetone	4.131	43	89625	34.975	ug/L	98
14) Carbon disulfide	4.393	76	679408	22.139	ug/L	98
15) Methyl Acetate	4.673	43	112483	18.270	ug/L	99
16) Methylene chloride	4.923	84	276039	23.911	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	230108	24.584	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	321472	21.944	ug/L	99
19) 1,1-Dichloroethane	6.216	63	485711	25.954	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	246859	25.469	ug/L	90
22) 2-Butanone	7.173	43	149584	38.333	ug/L	100
23) Bromochloromethane	7.514	128	103330	24.888	ug/L	98
25) Chloroform	7.673	83	454732	26.520	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305561	25.314	ug/L	97
29) Cyclohexane	7.959	56	405509	22.618	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	344406	24.403	ug/L	97
31) Carbon tetrachloride	8.069	117	314921	24.582	ug/L	100
33) Benzene	8.325	78	1028969	25.935	ug/L	100
34) Trichloroethene	9.093	95	256735	25.191	ug/L	96
35) Methylcyclohexane	9.331	83	416558	22.763	ug/L	99
37) 1,2-Dichloropropane	9.367	63	274786	26.080	ug/L	99
38) Bromodichloromethane	9.642	83	308144	25.741	ug/L	92
39) cis-1,3-Dichloropropene	10.075	75	391224	25.791	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	310364	39.027	ug/L	99
42) Toluene	10.386	91	1050471	26.218	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	321901	25.161	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	181006	24.614	ug/L	97
46) Tetrachloroethene	10.861	164	181919	25.144	ug/L	91
48) 2-Hexanone	10.965	43	205271	36.986	ug/L	100
49) Dibromochloromethane	11.129	129	185526	25.479	ug/L	93
50) 1,2-Dibromoethane	11.233	107	160611	23.170	ug/L	98
51) Chlorobenzene	11.654	112	637687	25.958	ug/L	97
52) Ethylbenzene	11.727	91	1179120	26.434	ug/L	97
53) m,p-Xylene	11.837	106	433719	26.726	ug/L	98
54) o-Xylene	12.166	106	416015	27.311	ug/L	98
55) Styrene	12.178	104	730848	28.446	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	211893	21.956	ug/L	97
59) Bromoform	12.349	173	101107	22.243	ug/L	97
60) Isopropylbenzene	12.464	105	1142850	25.701	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	155684	20.055	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	941507	27.605	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	914816	27.054	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	474609	25.436	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	461346	24.792	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	420412	25.459	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	32655	17.674	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	296863	24.042	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	235564	23.247	ug/L	90
71) Naphthalene	15.360	128	468916	20.435	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	223268	23.405	ug/L	96

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

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