

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
 Data File : VW023869.D
 Acq On : 19 Jul 2022 05:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Jul 19 05:41:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 19 02:51:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	381150	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	385093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213421	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	152746	15.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.760%
7) Chloroethane-d5	2.879	69	101994	15.705	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.840%
11) 1,1-Dichloroethene-d2	4.013	63	174864	22.059	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.240%
21) 2-Butanone-d5	7.074	46	73403	48.612	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.220%
24) Chloroform-d	7.647	84	260598	23.484	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.920%
26) 1,2-Dichloroethane-d4	8.305	65	142841	21.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	8.275	84	482124	24.084	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.320%
36) 1,2-Dichloropropane-d6	9.275	67	145630	24.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.600%
41) Toluene-d8	10.323	98	453067	22.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	10.579	79	58145	20.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.280%
47) 2-Hexanone-d5	10.921	63	59796	47.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	155094	23.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	180348	23.672	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	43473	16.784	ug/L	99
3) Chloromethane	2.215	50	108359	17.083	ug/L	99
5) Vinyl chloride	2.355	62	166708	15.306	ug/L	98
6) Bromomethane	2.770	94	95665	13.579	ug/L	98
8) Chloroethane	2.910	64	74432	14.607	ug/L	97
9) Trichlorofluoromethane	3.245	101	73673	14.880	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	112366	23.190	ug/L	99
12) 1,1-Dichloroethene	4.038	96	93008	23.020	ug/L	79
13) Acetone	4.123	43	46269	43.340	ug/L	98
14) Carbon disulfide	4.379	76	242118	20.371	ug/L	98
15) Methyl Acetate	4.672	43	55130	23.073	ug/L	97
16) Methylene chloride	4.916	84	136791	22.951	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	109005	22.236	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	180899	23.853	ug/L	98
19) 1,1-Dichloroethane	6.214	63	203829	22.541	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	125974	23.196	ug/L #	94
22) 2-Butanone	7.171	43	75774	43.190	ug/L	99
23) Bromochloromethane	7.513	128	62351	23.899	ug/L	94
25) Chloroform	7.677	83	237738	22.821	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	159870	20.852	ug/L	99
29) Cyclohexane	7.952	56	144646	20.537	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	185230	22.215	ug/L	98
31) Carbon tetrachloride	8.067	117	167345	22.264	ug/L	100
33) Benzene	8.324	78	487802	22.291	ug/L	100
34) Trichloroethene	9.092	95	123101	21.302	ug/L	99
35) Methylcyclohexane	9.336	83	180999	20.569	ug/L	96
37) 1,2-Dichloropropane	9.366	63	122487	22.326	ug/L	99
38) Bromodichloromethane	9.646	83	176703	23.077	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	169125	20.452	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	176018	46.105	ug/L	96
42) Toluene	10.384	91	547316	21.930	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	157370	20.022	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	110965	23.131	ug/L	98
46) Tetrachloroethene	10.860	164	97659	21.856	ug/L	93
48) 2-Hexanone	10.969	43	123658	44.487	ug/L	97
49) Dibromochloromethane	11.128	129	132724	23.857	ug/L	97
50) 1,2-Dibromoethane	11.232	107	103807	22.524	ug/L	91
51) Chlorobenzene	11.658	112	372648	22.139	ug/L	94
52) Ethylbenzene	11.731	91	592674	20.898	ug/L	98
53) m,p-Xylene	11.835	106	235925	21.321	ug/L	97
54) o-Xylene	12.164	106	232227	21.853	ug/L	99
55) Styrene	12.176	104	423916	22.581	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	145101	22.175	ug/L	98
59) Bromoform	12.347	173	78817	25.045	ug/L #	96
60) Isopropylbenzene	12.463	105	621860	21.691	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	101606	21.712	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	514560	21.923	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	520131	22.165	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	299103	22.978	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	306367	22.123	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	284170	23.148	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	21681	20.087	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	187451	21.757	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	145916	21.933	ug/L	99
71) Naphthalene	15.359	128	325047	22.777	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	136137	21.954	ug/L	99

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

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