

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023544.D
 Acq On : 30 Jun 2022 13:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

Quant Time: Jul 01 05:54:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:48:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	357825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	345603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	159498	31.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.640%
7) Chloroethane-d5	2.879	69	93462	26.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.040%
11) 1,1-Dichloroethene-d2	4.019	63	169643	26.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.160%
21) 2-Butanone-d5	7.074	46	72576	56.613	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.220%
24) Chloroform-d	7.647	84	264256	27.053	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	8.305	65	149953	27.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	8.275	84	518514	27.749	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.000%
36) 1,2-Dichloropropane-d6	9.274	67	150827	27.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.200%
41) Toluene-d8	10.323	98	507879	27.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	10.579	79	67894	27.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.960%
47) 2-Hexanone-d5	10.921	63	61202	58.402	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	147981	27.899	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	193609	27.426	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	44618	32.269	ug/L	96
3) Chloromethane	2.215	50	130280	30.438	ug/L	100
5) Vinyl chloride	2.361	62	172735	29.965	ug/L	100
6) Bromomethane	2.776	94	77038	20.262	ug/L	97
8) Chloroethane	2.916	64	65235	25.177	ug/L	92
9) Trichlorofluoromethane	3.251	101	67876	25.418	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	111870	25.880	ug/L	98
12) 1,1-Dichloroethene	4.044	96	96066	26.716	ug/L	87
13) Acetone	4.129	43	38696	43.827	ug/L	71
14) Carbon disulfide	4.385	76	285767	29.463	ug/L	97
15) Methyl Acetate	4.672	43	53845	26.619	ug/L	100
16) Methylene chloride	4.922	84	113155	22.168	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	117539	25.900	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	179020	26.899	ug/L	100
19) 1,1-Dichloroethane	6.214	63	206549	25.807	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	130733	26.434	ug/L	98
22) 2-Butanone	7.171	43	73721	51.070	ug/L	99
23) Bromochloromethane	7.513	128	66218	27.052	ug/L	97
25) Chloroform	7.677	83	231864	25.953	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158062	26.760	ug/L	100
29) Cyclohexane	7.952	56	169619	25.957	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	186141	24.833	ug/L	99
31) Carbon tetrachloride	8.067	117	167189	24.673	ug/L	100
33) Benzene	8.323	78	503440	25.893	ug/L	100
34) Trichloroethene	9.092	95	129772	24.911	ug/L	98
35) Methylcyclohexane	9.335	83	215620	26.305	ug/L	99
37) 1,2-Dichloropropane	9.366	63	121566	25.849	ug/L #	85
38) Bromodichloromethane	9.646	83	172565	25.629	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	190939	26.219	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	165932	53.834	ug/L	99
42) Toluene	10.384	91	571456	26.572	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	178417	26.507	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	103431	25.865	ug/L	98
46) Tetrachloroethene	10.860	164	103408	24.682	ug/L	96
48) 2-Hexanone	10.969	43	118994	56.207	ug/L	99
49) Dibromochloromethane	11.128	129	127885	26.172	ug/L	98
50) 1,2-Dibromoethane	11.238	107	106791	26.801	ug/L	92
51) Chlorobenzene	11.658	112	377076	25.624	ug/L	99
52) Ethylbenzene	11.731	91	633717	26.419	ug/L	98
53) m,p-Xylene	11.835	106	251302	26.646	ug/L	99
54) o-Xylene	12.164	106	239845	26.925	ug/L	98
55) Styrene	12.182	104	424094	27.241	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	135714	26.388	ug/L	99
59) Bromoform	12.347	173	72200	25.141	ug/L	99
60) Isopropylbenzene	12.463	105	652341	25.548	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95288	24.439	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	550972	25.972	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	559828	26.296	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	299553	24.409	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	310106	24.916	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	277847	24.983	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22397	25.119	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	200540	24.475	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166164	25.129	ug/L	98
71) Naphthalene	15.365	128	371154	27.054	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	155162	25.710	ug/L	97

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

