

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024195.D
 Acq On : 05 Aug 2022 16:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Aug 05 23:47:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 23:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	404495	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	378005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	205245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	170891	20.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
7) Chloroethane-d5	2.873	69	105901	20.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	4.013	63	201941	20.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.840%
21) 2-Butanone-d5	7.085	46	79919	50.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.620%
24) Chloroform-d	7.646	84	243938	19.931	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.720%
26) 1,2-Dichloroethane-d4	8.299	65	134392	19.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.120%
32) Benzene-d6	8.268	84	473506	21.240	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.960%
36) 1,2-Dichloropropane-d6	9.274	67	137565	20.900	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.600%
41) Toluene-d8	10.323	98	445515	21.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.520%
43) trans-1,3-Dichloroprop...	10.579	79	61423	21.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.240%
47) 2-Hexanone-d5	10.920	63	65602	53.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	140050	21.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	176858	23.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	102568	28.822	ug/L	99
3) Chloromethane	2.208	50	171646	25.718	ug/L	98
5) Vinyl chloride	2.349	62	219690	23.646	ug/L	97
6) Bromomethane	2.763	94	106486	19.990	ug/L	93
8) Chloroethane	2.909	64	94901	23.319	ug/L	96
9) Trichlorofluoromethane	3.245	101	75105	17.053	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.043	101	134568	22.655	ug/L	93
12) 1,1-Dichloroethene	4.031	96	117688	24.201	ug/L	88
13) Acetone	4.123	43	53815m	46.468	ug/L	
14) Carbon disulfide	4.379	76	346797	22.286	ug/L	98
15) Methyl Acetate	4.671	43	64938	24.894	ug/L	98
16) Methylene chloride	4.909	84	140622	19.714	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	134947	24.030	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	218120	27.238	ug/L	99
19) 1,1-Dichloroethane	6.208	63	228696	23.119	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	148891	24.142	ug/L #	92
22) 2-Butanone	7.171	43	99852	51.167	ug/L	99
23) Bromochloromethane	7.512	128	76150	24.793	ug/L	90
25) Chloroform	7.671	83	261114	23.954	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	174319	23.765	ug/L	100
29) Cyclohexane	7.951	56	200591	25.884	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	210795	24.728	ug/L	98
31) Carbon tetrachloride	8.061	117	191628	23.828	ug/L	99
33) Benzene	8.323	78	543342	24.337	ug/L	100
34) Trichloroethene	9.091	95	145615	24.676	ug/L	96
35) Methylcyclohexane	9.329	83	230956	24.958	ug/L	99
37) 1,2-Dichloropropane	9.366	63	135034	24.468	ug/L	99
38) Bromodichloromethane	9.646	83	191207	24.702	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	209522	25.806	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	212558	58.033	ug/L	98
42) Toluene	10.384	91	602191	25.383	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	187209	25.234	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	116762	25.101	ug/L	97
46) Tetrachloroethene	10.859	164	120545	25.233	ug/L	96
48) 2-Hexanone	10.969	43	151094	60.785	ug/L	97
49) Dibromochloromethane	11.127	129	140792	25.142	ug/L	99
50) 1,2-Dibromoethane	11.231	107	115194	25.847	ug/L #	99
51) Chlorobenzene	11.658	112	410466	25.323	ug/L	97
52) Ethylbenzene	11.725	91	677868	26.079	ug/L	98
53) m,p-Xylene	11.835	106	265323	26.223	ug/L	99
54) o-Xylene	12.164	106	261978	27.407	ug/L	98
55) Styrene	12.176	104	452914	27.244	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	152755	26.276	ug/L	98
59) Bromoform	12.347	173	88657	28.319	ug/L #	98
60) Isopropylbenzene	12.463	105	694479	27.951	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	108558	26.577	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	613527	29.881	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	597806	29.563	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	328960	27.038	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	332993	25.846	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	312109	27.014	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	26882	28.169	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	244170	30.605	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	200165	31.329	ug/L	94
71) Naphthalene	15.358	128	469954	37.763	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	182241	31.330	ug/L	100

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

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