

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042522\
 Data File : VW022613.D
 Acq On : 25 Apr 2022 17:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Apr 26 01:36:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 26 01:35:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	299470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	285931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129003	19.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.960%
7) Chloroethane-d5	2.891	69	92430	22.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
11) 1,1-Dichloroethene-d2	4.025	63	194980	22.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.840%
21) 2-Butanone-d5	7.080	46	54561	47.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.420%
24) Chloroform-d	7.647	84	228363	24.397	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	8.305	65	119748	22.390	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.560%
32) Benzene-d6	8.275	84	422657	24.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.274	67	123120	24.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.400%
41) Toluene-d8	10.323	98	417572	24.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.579	79	54342	22.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.920	63	45457	48.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	109892	25.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	147357	24.543	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30901	21.050	ug/L	93
3) Chloromethane	2.221	50	72774	19.883	ug/L	100
5) Vinyl chloride	2.361	62	160998	21.081	ug/L	98
6) Bromomethane	2.782	94	94111	20.271	ug/L	99
8) Chloroethane	2.922	64	76894	22.998	ug/L	92
9) Trichlorofluoromethane	3.263	101	81972	29.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	119930	26.712	ug/L	94
12) 1,1-Dichloroethene	4.044	96	105864	26.255	ug/L	87
13) Acetone	4.129	43	37509	47.663	ug/L	92
14) Carbon disulfide	4.391	76	258700	19.503	ug/L	98
15) Methyl Acetate	4.678	43	47815	24.212	ug/L	96
16) Methylene chloride	4.922	84	120190	26.672	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	117426	24.860	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	195776	25.378	ug/L	96
19) 1,1-Dichloroethane	6.220	63	213671	24.791	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	134042	26.869	ug/L #	84
22) 2-Butanone	7.171	43	60986	51.310	ug/L #	69
23) Bromochloromethane	7.513	128	60387	28.126	ug/L	89
25) Chloroform	7.677	83	242041	26.664	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	159053	24.929	ug/L	97
29) Cyclohexane	7.958	56	180126	22.011	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	208482	26.285	ug/L	97
31) Carbon tetrachloride	8.067	117	192886	27.095	ug/L	99
33) Benzene	8.323	78	494093	25.452	ug/L	100
34) Trichloroethene	9.091	95	134593	25.894	ug/L	98
35) Methylcyclohexane	9.335	83	218570	23.437	ug/L	95
37) 1,2-Dichloropropane	9.366	63	120385	25.886	ug/L	100
38) Bromodichloromethane	9.646	83	178078	26.627	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	198470	26.894	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	146063	51.463	ug/L	95
42) Toluene	10.384	91	568499	25.556	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	171641	25.975	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	99674	28.082	ug/L	99
46) Tetrachloroethene	10.866	164	102677	26.873	ug/L	90
48) 2-Hexanone	10.969	43	101326	50.605	ug/L #	97
49) Dibromochloromethane	11.128	129	128070	30.255	ug/L	98
50) 1,2-Dibromoethane	11.231	107	99006	28.249	ug/L	96
51) Chlorobenzene	11.658	112	380278	27.975	ug/L	94
52) Ethylbenzene	11.731	91	645315	25.881	ug/L	96
53) m,p-Xylene	11.835	106	255203	26.918	ug/L	94
54) o-Xylene	12.164	106	247046	27.269	ug/L	92
55) Styrene	12.176	104	420941	27.195	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	122895	28.210	ug/L	100
59) Bromoform	12.347	173	66715	26.487	ug/L	97
60) Isopropylbenzene	12.463	105	683555	24.275	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	89373	24.786	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	386364	24.950	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	572188	24.298	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	295866	25.890	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	305342	26.791	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	271804	26.595	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19387	23.182	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	199795	26.796	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	161836	25.844	ug/L	95
71) Naphthalene	15.359	128	350984	26.574	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	142214	26.569	ug/L	97

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

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