

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031522\
 Data File : VW022330.D
 Acq On : 15 Mar 2022 11:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Mar 16 05:25:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 15 01:03:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	130730	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	125659	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	77198	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40561	23.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
7) Chloroethane-d5	2.879	69	31856	23.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.960%
11) 1,1-Dichloroethene-d2	4.013	63	54741	20.964	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.840%
21) 2-Butanone-d5	7.073	46	16138	56.290	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.580%
24) Chloroform-d	7.647	84	77462	26.557	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.240%
26) 1,2-Dichloroethane-d4	8.305	65	38662	25.500	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	8.268	84	138090	23.612	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.440%
36) 1,2-Dichloropropane-d6	9.268	67	39761	24.482	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.920%
41) Toluene-d8	10.323	98	136490	23.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	10.579	79	17236	23.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.760%
47) 2-Hexanone-d5	10.920	63	13009	48.701	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39885	27.983	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	58721	23.682	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8189	22.414	ug/L	95
3) Chloromethane	2.208	50	29602	23.645	ug/L	97
5) Vinyl chloride	2.361	62	46368	24.649	ug/L	99
6) Bromomethane	2.775	94	30707	23.373	ug/L	93
8) Chloroethane	2.916	64	26982	25.533	ug/L	99
9) Trichlorofluoromethane	3.257	101	27714	21.700	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	39708	25.484	ug/L	95
12) 1,1-Dichloroethene	4.031	96	31756	23.515	ug/L	91
13) Acetone	4.123	43	15324	65.444	ug/L	67
14) Carbon disulfide	4.373	76	59029	16.860	ug/L	100
15) Methyl Acetate	4.665	43	13157	24.959	ug/L	99
16) Methylene chloride	4.909	84	37961	23.657	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	34365	23.168	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	52151	25.843	ug/L	99
19) 1,1-Dichloroethane	6.214	63	65947	27.463	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	41792	26.010	ug/L	93
22) 2-Butanone	7.171	43	20712	61.576	ug/L	97
23) Bromochloromethane	7.512	128	19903	25.357	ug/L	92
25) Chloroform	7.671	83	78988	28.191	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	45551	26.395	ug/L	99
29) Cyclohexane	7.951	56	45464	21.741	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	65714	25.993	ug/L	98
31) Carbon tetrachloride	8.067	117	61979	25.795	ug/L	100
33) Benzene	8.323	78	154599	25.447	ug/L	100
34) Trichloroethene	9.091	95	42678	24.535	ug/L	94
35) Methylcyclohexane	9.335	83	61403	22.821	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37910	26.747	ug/L	100
38) Bromodichloromethane	9.646	83	57783	28.429	ug/L	93
39) cis-1,3-Dichloropropene	10.067	75	59017	27.394	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	41611	54.365	ug/L	100
42) Toluene	10.384	91	178430	25.949	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	52458	27.096	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	34200	27.212	ug/L	95
46) Tetrachloroethene	10.859	164	36363	23.863	ug/L	86
48) 2-Hexanone	10.963	43	33568	63.189	ug/L	98
49) Dibromochloromethane	11.128	129	42521	27.853	ug/L	97
50) 1,2-Dibromoethane	11.231	107	30622	25.261	ug/L #	96
51) Chlorobenzene	11.652	112	126070	26.345	ug/L	98
52) Ethylbenzene	11.725	91	209184	27.488	ug/L	97
53) m,p-Xylene	11.841	106	84953	27.130	ug/L	92
54) o-Xylene	12.164	106	82038	27.844	ug/L	95
55) Styrene	12.176	104	142788	28.909	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	41534	28.482	ug/L	97
59) Bromoform	12.347	173	26096	25.562	ug/L #	37
60) Isopropylbenzene	12.463	105	224778	24.256	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28992	23.795	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	159744	25.923	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	192874	25.611	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	114255	24.854	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	116271	25.239	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	105852	25.899	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5994	23.271	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	88500	26.822	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	60299	24.153	ug/L	98
71) Naphthalene	15.359	128	110682	25.114	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56445	26.139	ug/L	95

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

