

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031122\
 Data File : VW022285.D
 Acq On : 11 Mar 2022 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Mar 11 20:58:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	147519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	136349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	43550	22.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
7) Chloroethane-d5	2.879	69	33293	21.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
11) 1,1-Dichloroethene-d2	4.019	63	64344	21.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.080	46	15785	48.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.647	84	83032	25.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.305	65	40930	23.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.275	84	152473	24.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	9.268	67	44275	25.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.323	98	150802	23.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	10.579	79	18738	23.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.920%
47) 2-Hexanone-d5	10.921	63	13363	46.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40188	25.985	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	60899	24.001	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	7601	18.437	ug/L	100
3) Chloromethane	2.215	50	30971	21.923	ug/L	95
5) Vinyl chloride	2.361	62	46494	21.903	ug/L	96
6) Bromomethane	2.776	94	29689	20.026	ug/L	93
8) Chloroethane	2.916	64	25952	21.764	ug/L	93
9) Trichlorofluoromethane	3.257	101	36029	25.000	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42388	24.108	ug/L	98
12) 1,1-Dichloroethene	4.038	96	34808	22.842	ug/L	97
13) Acetone	4.123	43	15153	57.348	ug/L	92
14) Carbon disulfide	4.385	76	65241	16.513	ug/L	97
15) Methyl Acetate	4.672	43	12654	21.273	ug/L	96
16) Methylene chloride	4.916	84	37957	20.962	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	37578	22.451	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	56516	24.819	ug/L	99
19) 1,1-Dichloroethane	6.214	63	68561	25.302	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	44665	24.634	ug/L	94
22) 2-Butanone	7.171	43	20458	53.899	ug/L	99
23) Bromochloromethane	7.513	128	21283	24.029	ug/L	81
25) Chloroform	7.677	83	81173	25.674	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48198	24.750	ug/L	99
29) Cyclohexane	7.958	56	49830	21.960	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	69687	25.404	ug/L	98
31) Carbon tetrachloride	8.067	117	65094	24.968	ug/L	98
33) Benzene	8.323	78	160318	24.319	ug/L	100
34) Trichloroethene	9.092	95	44867	23.771	ug/L	92
35) Methylcyclohexane	9.336	83	65355	22.386	ug/L	99
37) 1,2-Dichloropropane	9.366	63	39065	25.401	ug/L	98
38) Bromodichloromethane	9.640	83	58394	26.477	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	62386	26.687	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	41599	50.088	ug/L	99
42) Toluene	10.384	91	188267	25.233	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	54846	26.108	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	34987	25.655	ug/L	97
46) Tetrachloroethene	10.860	164	38744	23.432	ug/L	92
48) 2-Hexanone	10.969	43	32001	55.516	ug/L	99
49) Dibromochloromethane	11.122	129	44270	26.725	ug/L	97
50) 1,2-Dibromoethane	11.232	107	31661	24.070	ug/L #	98
51) Chlorobenzene	11.658	112	133736	25.756	ug/L	97
52) Ethylbenzene	11.725	91	214424	25.968	ug/L	98
53) m,p-Xylene	11.835	106	88338	25.999	ug/L	97
54) o-Xylene	12.164	106	85287	26.677	ug/L	98
55) Styrene	12.176	104	145522	27.152	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	40382	25.521	ug/L	96
59) Bromoform	12.347	173	25170	24.094	ug/L	97
60) Isopropylbenzene	12.463	105	240064	25.315	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28773	23.077	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	160795	25.499	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	198906	25.810	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	115522	24.557	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	115096	24.415	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	104199	24.914	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.475	75	5591	21.212	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	83330	24.680	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	63245	24.756	ug/L	99
71) Naphthalene	15.359	128	109050	24.180	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	53590	24.252	ug/L	97

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

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