

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022024.D
 Acq On : 02 Feb 2022 11:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Feb 03 00:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 01:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	127607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	115466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61268	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40764	26.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.080%	
7) Chloroethane-d5	2.885	69	32051	27.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.360%	
11) 1,1-Dichloroethene-d2	4.019	63	67310	24.786	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.160%	
21) 2-Butanone-d5	7.086	46	13715	50.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.620%	
24) Chloroform-d	7.647	84	75142	25.310	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.240%	
26) 1,2-Dichloroethane-d4	8.305	65	36602	24.780	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.120%	
32) Benzene-d6	8.274	84	144032	24.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.720%	
36) 1,2-Dichloropropane-d6	9.274	67	38802	24.448	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.800%	
41) Toluene-d8	10.323	98	144273	24.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.800%	
43) trans-1,3-Dichloroprop...	10.579	79	16713	24.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.160%	
47) 2-Hexanone-d5	10.926	63	12460	53.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.000%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32616	25.196	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.800%	
66) 1,2-Dichlorobenzene-d4	13.853	152	52226	23.629	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	6504	21.882	ug/L	95
3) Chloromethane	2.215	50	33986	25.343	ug/L	97
5) Vinyl chloride	2.361	62	48976	25.427	ug/L	99
6) Bromomethane	2.782	94	33607	20.519	ug/L	96
8) Chloroethane	2.922	64	25466	25.729	ug/L	98
9) Trichlorofluoromethane	3.257	101	34909	24.008	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37760	24.510	ug/L	99
12) 1,1-Dichloroethene	4.044	96	35715	25.120	ug/L	85
13) Acetone	4.147	43	14604	57.356	ug/L	98
14) Carbon disulfide	4.385	76	100794	24.305	ug/L	99
15) Methyl Acetate	4.678	43	11528	24.759	ug/L #	89
16) Methylene chloride	4.915	84	33976	22.850	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	38884	24.525	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	50324	24.755	ug/L	98
19) 1,1-Dichloroethane	6.220	63	59691	24.300	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	39475	24.263	ug/L	98
22) 2-Butanone	7.183	43	19030	57.725	ug/L	95
23) Bromochloromethane	7.512	128	19198	23.964	ug/L	97
25) Chloroform	7.677	83	67327	24.215	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	41278	25.221	ug/L	98
29) Cyclohexane	7.957	56	55813	24.624	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	61571	24.095	ug/L	100
31) Carbon tetrachloride	8.067	117	60079	24.021	ug/L	97
33) Benzene	8.323	78	145459	24.027	ug/L	100
34) Trichloroethene	9.091	95	42600	24.750	ug/L	92
35) Methylcyclohexane	9.335	83	71339	24.567	ug/L	99
37) 1,2-Dichloropropane	9.366	63	32685	24.582	ug/L	98
38) Bromodichloromethane	9.646	83	46712	24.600	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	53691	25.176	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	34306	52.587	ug/L	98
42) Toluene	10.384	91	169947	24.765	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	45549	24.776	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	27872	24.662	ug/L	96
46) Tetrachloroethene	10.866	164	37961	23.661	ug/L	91
48) 2-Hexanone	10.969	43	27708	57.063	ug/L	96
49) Dibromochloromethane	11.128	129	35678	25.070	ug/L	96
50) 1,2-Dibromoethane	11.231	107	27790	24.836	ug/L #	96
51) Chlorobenzene	11.658	112	111944	23.969	ug/L	96
52) Ethylbenzene	11.731	91	186065	24.574	ug/L	98
53) m,p-Xylene	11.835	106	78253	24.910	ug/L	97
54) o-Xylene	12.164	106	71852	24.451	ug/L	88
55) Styrene	12.182	104	116328	24.507	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	31520	25.623	ug/L	98
59) Bromoform	12.347	173	19887	24.577	ug/L #	96
60) Isopropylbenzene	12.463	105	196260	24.518	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	22396	25.092	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	135192	25.465	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	164150	25.378	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	92898	24.222	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	90978	23.698	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	81573	23.931	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4529	24.941	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	65840	23.878	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	52170	23.819	ug/L	97
71) Naphthalene	15.359	128	93438	26.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	46070	24.610	ug/L	95

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

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