

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021009.D
 Acq On : 01 Dec 2021 18:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Quant Time: Dec 02 01:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	157794	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	140464	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	80287	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	30076	16.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
7) Chloroethane-d5	2.885	69	22116	18.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.960%
11) 1,1-Dichloroethene-d2	4.025	63	76501	21.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	7.080	46	22379	48.985	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.980%
24) Chloroform-d	7.647	84	95850	24.108	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	47961	23.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.080%
32) Benzene-d6	8.275	84	181248	24.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.274	67	51094	24.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	10.323	98	176617	24.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	10.579	79	23367	23.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.920	63	18606	53.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42493	26.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	70476	24.629	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	15928	34.879	ug/L	96
3) Chloromethane	2.215	50	26110	18.806	ug/L	94
5) Vinyl chloride	2.361	62	49706	20.698	ug/L	98
6) Bromomethane	2.776	94	29769	22.356	ug/L	100
8) Chloroethane	2.916	64	20290	20.097	ug/L	96
9) Trichlorofluoromethane	3.257	101	32931	23.542	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	55468	26.084	ug/L	89
12) 1,1-Dichloroethene	4.038	96	49080	24.825	ug/L	80
13) Acetone	4.129	43	15545	38.111	ug/L	91
14) Carbon disulfide	4.385	76	111092	20.776	ug/L	100
15) Methyl Acetate	4.672	43	17673	24.161	ug/L	# 84
16) Methylene chloride	4.909	84	50834	23.099	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	52020	24.413	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	81956	25.623	ug/L	92
19) 1,1-Dichloroethane	6.214	63	87039	24.653	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	57372	24.982	ug/L	71
22) 2-Butanone	7.171	43	22987	41.479	ug/L	85
23) Bromochloromethane	7.513	128	25690	24.469	ug/L	# 67
25) Chloroform	7.677	83	96240	24.939	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	58829	25.176	ug/L #	95
29) Cyclohexane	7.958	56	75314	24.050	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	88020	26.058	ug/L #	93
31) Carbon tetrachloride	8.073	117	80612	25.215	ug/L	99
33) Benzene	8.323	78	203643	25.606	ug/L	100
34) Trichloroethene	9.091	95	58336	26.224	ug/L	89
35) Methylcyclohexane	9.335	83	91383	24.916	ug/L	85
37) 1,2-Dichloropropane	9.366	63	48136	26.006	ug/L #	96
38) Bromodichloromethane	9.646	83	68064	25.624	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	78560	25.707	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	56233	51.043	ug/L #	90
42) Toluene	10.384	91	231470	25.875	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	69251	25.784	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	39049	27.126	ug/L	92
46) Tetrachloroethene	10.866	164	50967	24.953	ug/L	94
48) 2-Hexanone	10.969	43	37936	49.713	ug/L #	90
49) Dibromochloromethane	11.128	129	49284	24.833	ug/L	98
50) 1,2-Dibromoethane	11.231	107	37826	26.209	ug/L #	96
51) Chlorobenzene	11.658	112	155277	26.098	ug/L	91
52) Ethylbenzene	11.731	91	459432	46.348	ug/L	98
53) m,p-Xylene	11.835	106	411895	101.777	ug/L	89
54) o-Xylene	12.164	106	169125	43.513	ug/L	99
55) Styrene	12.176	104	177762	27.544	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	44045	27.605	ug/L #	98
59) Bromoform	12.347	173	28660	23.941	ug/L	99
60) Isopropylbenzene	12.463	105	295130	26.989	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	31604	26.836	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	322185	34.926	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	524609	57.639	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	131990	25.745	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	130164	25.169	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	117885	26.094	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	7270	25.822	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	105367	25.948	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	83488	25.131	ug/L	94
71) Naphthalene	15.365	128	163541	30.212	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	71012	25.331	ug/L	94

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

