

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110921\
 Data File : VW020821.D
 Acq On : 09 Nov 2021 08:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Nov 20 03:38:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 20 02:58:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	150055	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	135918	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76018	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	31626	22.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
7) Chloroethane-d5	2.885	69	19795	24.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.560%
11) 1,1-Dichloroethene-d2	4.025	63	63709	21.514	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.040%
21) 2-Butanone-d5	7.079	46	20714	44.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
24) Chloroform-d	7.652	84	78313	23.488	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.960%
26) 1,2-Dichloroethane-d4	8.305	65	40421	22.773	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	8.274	84	141961	23.117	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	9.274	67	43262	22.754	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.000%
41) Toluene-d8	10.323	98	132937	22.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	10.579	79	20503	21.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.920	63	17354	45.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37404	23.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	13.852	152	55964	23.426	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	16666	27.238	ug/L	99
3) Chloromethane	2.214	50	35057	21.896	ug/L	98
5) Vinyl chloride	2.361	62	56535	24.482	ug/L	98
6) Bromomethane	2.775	94	28844	24.135	ug/L	91
8) Chloroethane	2.915	64	21005	24.737	ug/L	93
9) Trichlorofluoromethane	3.251	101	26660	21.766	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	47167	23.414	ug/L	90
12) 1,1-Dichloroethene	4.043	96	43923	22.879	ug/L	# 69
13) Acetone	4.122	43	17630	40.949	ug/L	89
14) Carbon disulfide	4.385	76	126538	21.837	ug/L	98
15) Methyl Acetate	4.671	43	16611	20.332	ug/L	94
16) Methylene chloride	4.915	84	43452	19.555	ug/L	87
17) trans-1,2-Dichloroethene	5.421	96	46914	22.989	ug/L	87
18) Methyl tert-butyl Ether	5.427	73	60330	20.893	ug/L	95
19) 1,1-Dichloroethane	6.220	63	77840	22.024	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	49255	22.897	ug/L	77
22) 2-Butanone	7.171	43	23378	40.442	ug/L	89
23) Bromochloromethane	7.512	128	22817	22.985	ug/L	# 70
25) Chloroform	7.677	83	82577	22.443	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	52489	22.036	ug/L	97
29) Cyclohexane	7.957	56	76286	21.512	ug/L	89
30) 1,1,1-Trichloroethane	7.872	97	73654	22.803	ug/L	94
31) Carbon tetrachloride	8.067	117	70843	23.048	ug/L	98
33) Benzene	8.323	78	181070	22.244	ug/L	100
34) Trichloroethene	9.091	95	50014	23.083	ug/L	89
35) Methylcyclohexane	9.335	83	86707	22.931	ug/L	88
37) 1,2-Dichloropropane	9.372	63	42641	22.125	ug/L #	97
38) Bromodichloromethane	9.646	83	61272	22.712	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	71706	22.862	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	51382	40.793	ug/L #	94
42) Toluene	10.390	91	203608	23.261	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	61961	21.839	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	31960	22.345	ug/L	94
46) Tetrachloroethene	10.865	164	46253	23.799	ug/L	96
48) 2-Hexanone	10.969	43	38042	41.362	ug/L #	95
49) Dibromochloromethane	11.127	129	45209	23.146	ug/L	97
50) 1,2-Dibromoethane	11.237	107	32123	22.150	ug/L #	97
51) Chlorobenzene	11.658	112	135256	23.956	ug/L	93
52) Ethylbenzene	11.731	91	227331	23.180	ug/L	96
53) m,p-Xylene	11.841	106	93741	23.856	ug/L	86
54) o-Xylene	12.164	106	85383	22.939	ug/L	96
55) Styrene	12.182	104	145191	22.944	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.712	83	38075	22.714	ug/L	99
59) Bromoform	12.347	173	26642	20.720	ug/L #	96
60) Isopropylbenzene	12.462	105	242741	23.168	ug/L	96
61) 1,2,3-Trichloropropane	12.767	75	26502	21.096	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.944	105	205284	22.801	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	204073	22.817	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	115764	23.830	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	110494	22.833	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	98602	22.978	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	6375	20.759	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	90380	23.439	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	75527	23.496	ug/L	94
71) Naphthalene	15.358	128	121293	22.324	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	59929	21.939	ug/L	99

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

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