

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
 Data File : VW020799.D
 Acq On : 08 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 :
 VSTD025485

Quant Time: Nov 20 03:14:51 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	152956	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	140814	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77483	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33277	23.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.560%
7) Chloroethane-d5	2.885	69	21032	25.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.720%
11) 1,1-Dichloroethene-d2	4.019	63	71828	23.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.200%
21) 2-Butanone-d5	7.074	46	30375	63.599	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.200%
24) Chloroform-d	7.653	84	85333	25.108	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.305	65	46172	25.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.080%
32) Benzene-d6	8.274	84	151121	23.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	9.274	67	48066	24.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	10.323	98	147243	23.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	10.579	79	24967	25.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.240%
47) 2-Hexanone-d5	10.920	63	25338	63.575	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.160%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	48345	29.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	62495	25.665	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	15368	24.640	ug/L	98
3) Chloromethane	2.215	50	39253	24.052	ug/L	98
5) Vinyl chloride	2.361	62	60684	25.780	ug/L	98
6) Bromomethane	2.776	94	29373	24.111	ug/L	92
8) Chloroethane	2.916	64	23094	26.681	ug/L	98
9) Trichlorofluoromethane	3.257	101	33202	26.593	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	50391	24.540	ug/L	92
12) 1,1-Dichloroethene	4.037	96	48202	24.632	ug/L	82
13) Acetone	4.123	43	24069	54.844	ug/L	90
14) Carbon disulfide	4.379	76	141200	23.905	ug/L	98
15) Methyl Acetate	4.672	43	23690	28.447	ug/L	95
16) Methylene chloride	4.921	84	48353	21.348	ug/L	86
17) trans-1,2-Dichloroethene	5.427	96	50924	24.481	ug/L	86
18) Methyl tert-butyl Ether	5.421	73	75938	25.799	ug/L #	84
19) 1,1-Dichloroethane	6.220	63	87400	24.260	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	54516	24.862	ug/L	81
22) 2-Butanone	7.171	43	34645	58.797	ug/L	91
23) Bromochloromethane	7.512	128	25593	25.293	ug/L #	72
25) Chloroform	7.677	83	92048	24.542	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	61462	25.314	ug/L	99
29) Cyclohexane	7.957	56	86119	23.441	ug/L	90
30) 1,1,1-Trichloroethane	7.872	97	81233	24.275	ug/L	95
31) Carbon tetrachloride	8.067	117	78801	24.746	ug/L	99
33) Benzene	8.323	78	199781	23.690	ug/L	100
34) Trichloroethene	9.091	95	54505	24.281	ug/L	93
35) Methylcyclohexane	9.335	83	95013	24.254	ug/L	90
37) 1,2-Dichloropropane	9.366	63	48569	24.325	ug/L	98
38) Bromodichloromethane	9.646	83	69573	24.892	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	81848	25.188	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	74633	57.193	ug/L #	96
42) Toluene	10.390	91	226786	25.008	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	75160	25.571	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	38591	26.044	ug/L	97
46) Tetrachloroethene	10.859	164	50015	24.840	ug/L	99
48) 2-Hexanone	10.969	43	55723	58.479	ug/L #	95
49) Dibromochloromethane	11.128	129	53692	26.533	ug/L	87
50) 1,2-Dibromoethane	11.237	107	39580	26.343	ug/L #	92
51) Chlorobenzene	11.658	112	144296	24.669	ug/L	95
52) Ethylbenzene	11.731	91	250554	24.659	ug/L	99
53) m,p-Xylene	11.841	106	98976	24.313	ug/L	95
54) o-Xylene	12.164	106	96257	24.961	ug/L	97
55) Styrene	12.176	104	164337	25.067	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	48512	27.934	ug/L #	99
59) Bromoform	12.347	173	34568	26.376	ug/L	97
60) Isopropylbenzene	12.463	105	266727	24.975	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	35930	28.060	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	228248	24.872	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	224211	24.595	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	121261	24.490	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	122538	24.843	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	110952	25.367	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9126	29.156	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.627	180	93311	23.742	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	79623	24.302	ug/L	97
71) Naphthalene	15.365	128	153208	27.664	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	69393	24.923	ug/L	97

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

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