

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083021\
 Data File : VW019944.D
 Acq On : 30 Aug 2021 17:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

Quant Time: Aug 31 01:05:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 31 01:00:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	315710	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	296123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	148826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	110673	22.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
7) Chloroethane-d5	2.898	69	105999	24.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.760%
11) 1,1-Dichloroethene-d2	4.032	63	183395	21.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.440%
21) 2-Butanone-d5	7.086	46	49625	49.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.900%
24) Chloroform-d	7.659	84	209847	24.169	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	8.311	65	111935	23.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.281	84	407853	24.156	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	9.281	67	124302	24.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.329	98	367611	23.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.040%
43) trans-1,3-Dichloroprop...	10.579	79	51166	24.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.880%
47) 2-Hexanone-d5	10.927	63	34814	48.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	106317	25.548	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	127816	25.037	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	61516	19.883	ug/L	95
3) Chloromethane	2.221	50	84476	21.940	ug/L	99
5) Vinyl chloride	2.373	62	144664	25.334	ug/L	97
6) Bromomethane	2.794	94	102977	24.302	ug/L	97
8) Chloroethane	2.934	64	98126	26.214	ug/L	98
9) Trichlorofluoromethane	3.269	101	80090	21.806	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	109345	25.082	ug/L	95
12) 1,1-Dichloroethene	4.050	96	101963	23.850	ug/L	99
13) Acetone	4.135	43	36852	43.448	ug/L	89
14) Carbon disulfide	4.391	76	303318	22.182	ug/L	99
15) Methyl Acetate	4.684	43	39301	22.259	ug/L	97
16) Methylene chloride	4.928	84	117517	21.688	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	106577	23.731	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	126898	24.547	ug/L	97
19) 1,1-Dichloroethane	6.226	63	193574	24.316	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	112070	24.653	ug/L	98
22) 2-Butanone	7.177	43	54160	49.275	ug/L	99
23) Bromochloromethane	7.519	128	51221	25.177	ug/L	98
25) Chloroform	7.677	83	203195	24.672	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	129352	24.076	ug/L	100
29) Cyclohexane	7.964	56	171643	24.682	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	163397	24.689	ug/L	98
31) Carbon tetrachloride	8.073	117	150811	24.445	ug/L	99
33) Benzene	8.330	78	454251	24.994	ug/L	100
34) Trichloroethene	9.098	95	112685	23.850	ug/L	90
35) Methylcyclohexane	9.342	83	203938	25.165	ug/L	99
37) 1,2-Dichloropropane	9.372	63	110169	24.476	ug/L	99
38) Bromodichloromethane	9.646	83	142033	24.358	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	164800	24.863	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	118483	49.503	ug/L	98
42) Toluene	10.390	91	486356	25.262	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	145824	24.994	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	82601	25.348	ug/L	96
46) Tetrachloroethene	10.866	164	90486	25.283	ug/L	97
48) 2-Hexanone	10.969	43	84573	50.760	ug/L	97
49) Dibromochloromethane	11.128	129	92989	24.946	ug/L	94
50) 1,2-Dibromoethane	11.238	107	76354	24.947	ug/L	98
51) Chlorobenzene	11.658	112	304413	24.896	ug/L	97
52) Ethylbenzene	11.731	91	522431	25.205	ug/L	97
53) m,p-Xylene	11.841	106	206909	25.995	ug/L	99
54) o-Xylene	12.164	106	192916	25.622	ug/L	99
55) Styrene	12.182	104	334474	25.998	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	98427	24.630	ug/L	99
59) Bromoform	12.347	173	49895	25.251	ug/L	100
60) Isopropylbenzene	12.463	105	529405	26.253	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	70670	24.219	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	433401	26.927	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	433620	26.579	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	232563	25.867	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	237839	25.737	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	210864	25.828	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	15151	23.819	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	163040	26.319	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	127609	26.808	ug/L	99
71) Naphthalene	15.365	128	249652	26.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	117482	26.653	ug/L	97

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

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