

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070121\
 Data File : VW019376.D
 Acq On : 01 Jul 2021 10:41
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025101

Quant Time: Jul 02 01:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 01 01:07:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	552834	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	494567	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	245357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	170938	23.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.200%
7) Chloroethane-d5	2.892	69	137050	24.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.160%
11) 1,1-Dichloroethene-d2	4.026	63	356019	24.004	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.000%
21) 2-Butanone-d5	7.086	46	82162	45.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.160%
24) Chloroform-d	7.653	84	369665	24.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	8.305	65	185555	23.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.640%
32) Benzene-d6	8.275	84	754345	24.887	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.560%
36) 1,2-Dichloropropane-d6	9.275	67	226329	24.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.000%
41) Toluene-d8	10.323	98	681116	24.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.240%
43) trans-1,3-Dichloroprop...	10.579	79	86156	23.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.720%
47) 2-Hexanone-d5	10.927	63	67057	46.443	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.880%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	162226	23.803	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	215020	23.957	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	164516	24.973	ug/L	94
3) Chloromethane	2.215	50	151858	22.369	ug/L	98
5) Vinyl chloride	2.367	62	230297	24.491	ug/L	97
6) Bromomethane	2.788	94	122891	23.472	ug/L	99
8) Chloroethane	2.928	64	123831	24.014	ug/L	95
9) Trichlorofluoromethane	3.263	101	125754	24.261	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	177041	24.125	ug/L	96
12) 1,1-Dichloroethene	4.044	96	179632	24.281	ug/L	92
13) Acetone	4.141	43	58342	51.885	ug/L	86
14) Carbon disulfide	4.391	76	565786	24.180	ug/L	100
15) Methyl Acetate	4.678	43	67826	21.971	ug/L	99
16) Methylene chloride	4.922	84	190198	19.681	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	190202	23.719	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	221552	22.774	ug/L	95
19) 1,1-Dichloroethane	6.214	63	350988	24.351	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	200804	23.828	ug/L	94
22) 2-Butanone	7.177	43	88476	46.135	ug/L	97
23) Bromochloromethane	7.519	128	84679	23.117	ug/L	97
25) Chloroform	7.677	83	345949	24.193	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	210537	23.409	ug/L	97
29) Cyclohexane	7.958	56	329959	25.041	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	259158	24.666	ug/L	99
31) Carbon tetrachloride	8.067	117	245355	24.803	ug/L	99
33) Benzene	8.324	78	799879	24.794	ug/L	100
34) Trichloroethene	9.092	95	202856	24.707	ug/L	95
35) Methylcyclohexane	9.336	83	355279	24.532	ug/L	95
37) 1,2-Dichloropropane	9.366	63	197147	24.966	ug/L	98
38) Bromodichloromethane	9.646	83	236708	24.371	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	290987	24.710	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	195849	47.312	ug/L	97
42) Toluene	10.390	91	838884	25.071	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	243325	24.201	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	129799	23.197	ug/L	95
46) Tetrachloroethene	10.866	164	151020	23.811	ug/L	93
48) 2-Hexanone	10.969	43	129414	45.621	ug/L	94
49) Dibromochloromethane	11.128	129	148678	23.964	ug/L	99
50) 1,2-Dibromoethane	11.238	107	121638	22.968	ug/L	100
51) Chlorobenzene	11.658	112	506779	24.078	ug/L	98
52) Ethylbenzene	11.731	91	918480	25.110	ug/L	95
53) m,p-Xylene	11.841	106	350075	25.283	ug/L	98
54) o-Xylene	12.164	106	324706	24.580	ug/L	94
55) Styrene	12.183	104	565720	25.320	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	152495	23.087	ug/L	99
59) Bromoform	12.347	173	75529	22.516	ug/L	99
60) Isopropylbenzene	12.463	105	879650	25.143	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	108948	22.322	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	744162	25.524	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	738120	25.459	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	374370	24.016	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	370498	23.919	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	335947	24.374	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22187	21.530	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	266679	23.633	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	215853	23.229	ug/L	98
71) Naphthalene	15.365	128	398655	22.523	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	187877	23.369	ug/L	97

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

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