

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061021\
 Data File : VW019188.D
 Acq On : 10 Jun 2021 18:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025110

Quant Time: Jun 11 01:19:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 11 01:12:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	483074	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	445241	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	237426	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	128846	20.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
7) Chloroethane-d5	2.898	69	118497	21.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
11) 1,1-Dichloroethene-d2	4.032	63	291928	23.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.000%
21) 2-Butanone-d5	7.086	46	76730	45.857	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.720%
24) Chloroform-d	7.653	84	308143	23.726	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	8.311	65	161822	22.213	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.840%
32) Benzene-d6	8.281	84	576711	22.735	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	9.274	67	180930	23.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.323	98	530736	22.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	10.579	79	73353	22.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.080%
47) 2-Hexanone-d5	10.927	63	63842	48.955	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.920%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	153138	24.140	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	178750	21.570	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	163266	26.088	ug/L	97
3) Chloromethane	2.221	50	146456	25.311	ug/L	97
5) Vinyl chloride	2.367	62	243325	27.548	ug/L	95
6) Bromomethane	2.788	94	162511	24.744	ug/L	98
8) Chloroethane	2.934	64	144569	27.531	ug/L	100
9) Trichlorofluoromethane	3.269	101	132406	27.313	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	187418	27.029	ug/L	98
12) 1,1-Dichloroethene	4.050	96	187941	27.437	ug/L	92
13) Acetone	4.141	43	70866	47.795	ug/L	91
14) Carbon disulfide	4.397	76	569173	26.288	ug/L	100
15) Methyl Acetate	4.678	43	73613	24.684	ug/L	99
16) Methylene chloride	4.922	84	238419	26.599	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	200217	27.130	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	250412	26.248	ug/L	98
19) 1,1-Dichloroethane	6.220	63	363575	27.755	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	210514	27.396	ug/L	98
22) 2-Butanone	7.177	43	100363	50.625	ug/L	96
23) Bromochloromethane	7.513	128	90178	26.677	ug/L	97
25) Chloroform	7.677	83	370867	27.759	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	242068	26.757	ug/L	99
29) Cyclohexane	7.964	56	327321	28.252	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	283170	27.640	ug/L	100
31) Carbon tetrachloride	8.073	117	259771	27.461	ug/L	100
33) Benzene	8.329	78	811913	27.723	ug/L	100
34) Trichloroethene	9.098	95	212518	27.837	ug/L	91
35) Methylcyclohexane	9.335	83	368794	28.072	ug/L	97
37) 1,2-Dichloropropane	9.372	63	200327	27.847	ug/L	98
38) Bromodichloromethane	9.646	83	259943	27.857	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	305943	27.447	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	221509	51.703	ug/L	96
42) Toluene	10.390	91	885508	28.104	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	266849	27.121	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	146398	27.028	ug/L	96
46) Tetrachloroethene	10.866	164	156613	26.837	ug/L	97
48) 2-Hexanone	10.969	43	154873	53.774	ug/L	95
49) Dibromochloromethane	11.134	129	159080	26.498	ug/L	97
50) 1,2-Dibromoethane	11.238	107	138910	26.471	ug/L	100
51) Chlorobenzene	11.658	112	529810	27.242	ug/L	97
52) Ethylbenzene	11.731	91	966429	27.883	ug/L	97
53) m,p-Xylene	11.841	106	364119	28.487	ug/L	98
54) o-Xylene	12.164	106	345785	28.400	ug/L	97
55) Styrene	12.182	104	600307	28.669	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	178406	26.727	ug/L	98
59) Bromoform	12.353	173	87786	24.000	ug/L	98
60) Isopropylbenzene	12.463	105	936244	26.339	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	129699	24.417	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	800162	27.408	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	791130	27.146	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	403815	26.030	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	408107	25.727	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	375977	26.928	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	27629	23.762	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	287653	25.663	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	237342	25.800	ug/L	97
71) Naphthalene	15.365	128	478903	26.111	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	209314	25.681	ug/L	95

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

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