

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072821\
 Data File : VW019642.D
 Acq On : 28 Jul 2021 16:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Quant Time: Jul 29 01:14:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 29 01:12:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	440625	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	401730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	213594	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111222	17.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.280%
7) Chloroethane-d5	2.892	69	88571	19.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	4.026	63	237247	19.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.800%
21) 2-Butanone-d5	7.086	46	81210	44.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.640%
24) Chloroform-d	7.653	84	266723	21.908	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.305	65	142420	21.316	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.280%
32) Benzene-d6	8.275	84	502412	21.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.040%
36) 1,2-Dichloropropane-d6	9.275	67	160504	21.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.120%
41) Toluene-d8	10.323	98	454913	21.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	10.579	79	68507	21.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.840%
47) 2-Hexanone-d5	10.927	63	66915	48.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	146330	24.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	159045	21.104	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	119500	22.767	ug/L	95
3) Chloromethane	2.215	50	115922	21.523	ug/L	98
5) Vinyl chloride	2.367	62	165892	22.378	ug/L	96
6) Bromomethane	2.788	94	93779	22.879	ug/L	98
8) Chloroethane	2.934	64	95442	24.189	ug/L	97
9) Trichlorofluoromethane	3.270	101	118368	26.285	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	141518	24.567	ug/L	94
12) 1,1-Dichloroethene	4.050	96	140143	24.362	ug/L	89
13) Acetone	4.141	43	58880	44.099	ug/L	86
14) Carbon disulfide	4.391	76	421435	22.878	ug/L	100
15) Methyl Acetate	4.678	43	69196	23.285	ug/L	100
16) Methylene chloride	4.922	84	176018	20.038	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	147221	23.534	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	204073	23.612	ug/L	96
19) 1,1-Dichloroethane	6.220	63	274339	23.886	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	160496	24.258	ug/L	98
22) 2-Butanone	7.177	43	87584	42.394	ug/L	99
23) Bromochloromethane	7.519	128	71148	23.877	ug/L	96
25) Chloroform	7.677	83	273209	24.048	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	182668	23.898	ug/L	96
29) Cyclohexane	7.958	56	248493	24.121	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	217871	26.277	ug/L	97
31) Carbon tetrachloride	8.074	117	201240	26.087	ug/L	99
33) Benzene	8.324	78	630236	25.064	ug/L	100
34) Trichloroethene	9.092	95	159340	24.828	ug/L	92
35) Methylcyclohexane	9.336	83	283735	24.983	ug/L	96
37) 1,2-Dichloropropane	9.372	63	158016	24.798	ug/L	99
38) Bromodichloromethane	9.646	83	198077	25.068	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	241674	24.800	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	194093	48.259	ug/L	96
42) Toluene	10.390	91	666144	25.417	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	211787	24.707	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	120842	25.487	ug/L	97
46) Tetrachloroethene	10.866	164	123037	25.154	ug/L	96
48) 2-Hexanone	10.969	43	136182	49.715	ug/L	95
49) Dibromochloromethane	11.134	129	127752	25.055	ug/L	95
50) 1,2-Dibromoethane	11.238	107	113648	24.991	ug/L	98
51) Chlorobenzene	11.658	112	416429	25.268	ug/L	98
52) Ethylbenzene	11.731	91	720284	25.245	ug/L	100
53) m,p-Xylene	11.841	106	280482	26.012	ug/L	97
54) o-Xylene	12.164	106	262397	25.752	ug/L	97
55) Styrene	12.183	104	460653	26.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	147715	25.298	ug/L	98
59) Bromoform	12.347	173	75228	24.675	ug/L	97
60) Isopropylbenzene	12.463	105	702630	24.477	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	111743	23.882	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	606999	25.255	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	604940	24.979	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	314140	23.914	ug/L	87
65) 1,4-Dichlorobenzene	13.579	146	321984	24.806	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	276302	23.348	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	23760	23.270	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	227617	23.715	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	187381	23.350	ug/L	98
71) Naphthalene	15.365	128	398711	24.600	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	173941	24.204	ug/L	99

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

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