

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082621\
 Data File : VW019906.D
 Acq On : 26 Aug 2021 09:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Aug 27 00:56:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 26 01:07:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	411152	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	372520	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	187429	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	132365	20.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.120%
7) Chloroethane-d5	2.898	69	113570	20.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	4.025	63	250090	22.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.080	46	57063	44.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.200%
24) Chloroform-d	7.653	84	253288	22.400	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	8.305	65	130216	21.370	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.275	84	500783	23.577	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	9.274	67	147240	22.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	10.323	98	454814	23.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	10.579	79	62702	23.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.400%
47) 2-Hexanone-d5	10.927	63	41456	46.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.540%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116037	22.165	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	151831	23.616	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	96390	23.922	ug/L	99
3) Chloromethane	2.221	50	104536	20.847	ug/L	100
5) Vinyl chloride	2.373	62	175556	23.608	ug/L	97
6) Bromomethane	2.788	94	120242	21.790	ug/L	100
8) Chloroethane	2.934	64	110302	22.626	ug/L	97
9) Trichlorofluoromethane	3.269	101	113568	23.743	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	141060	24.846	ug/L	97
12) 1,1-Dichloroethene	4.044	96	140778	25.285	ug/L	97
13) Acetone	4.123	43	49362	44.687	ug/L	88
14) Carbon disulfide	4.391	76	416674	23.399	ug/L	100
15) Methyl Acetate	4.672	43	48697	21.179	ug/L	98
16) Methylene chloride	4.922	84	143230	20.297	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	144997	24.791	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	177645	26.386	ug/L	96
19) 1,1-Dichloroethane	6.220	63	254199	24.519	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	150096	25.354	ug/L	96
22) 2-Butanone	7.171	43	67447	47.119	ug/L	98
23) Bromochloromethane	7.519	128	63473	23.957	ug/L	95
25) Chloroform	7.677	83	258410	24.092	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158894	22.709	ug/L	97
29) Cyclohexane	7.958	56	234606	26.818	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	215371	25.869	ug/L	99
31) Carbon tetrachloride	8.073	117	198085	25.523	ug/L	99
33) Benzene	8.329	78	582832	25.492	ug/L	100
34) Trichloroethene	9.092	95	153678	25.856	ug/L	93
35) Methylcyclohexane	9.335	83	273849	26.862	ug/L	99
37) 1,2-Dichloropropane	9.372	63	140774	24.861	ug/L	99
38) Bromodichloromethane	9.646	83	181625	24.760	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	216045	25.910	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	147949	49.137	ug/L	96
42) Toluene	10.390	91	630674	26.040	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	186533	25.415	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	98684	24.073	ug/L	92
46) Tetrachloroethene	10.866	164	117505	26.099	ug/L	98
48) 2-Hexanone	10.969	43	106318	50.725	ug/L	96
49) Dibromochloromethane	11.128	129	116323	24.806	ug/L	91
50) 1,2-Dibromoethane	11.238	107	92076	23.914	ug/L	97
51) Chlorobenzene	11.658	112	384305	24.984	ug/L	99
52) Ethylbenzene	11.731	91	686459	26.327	ug/L	100
53) m,p-Xylene	11.841	106	266356	26.601	ug/L	100
54) o-Xylene	12.164	106	253219	26.734	ug/L	97
55) Styrene	12.182	104	426216	26.335	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115730	23.021	ug/L	96
59) Bromoform	12.347	173	60826	24.442	ug/L #	96
60) Isopropylbenzene	12.463	105	686844	27.045	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83801	22.804	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	563661	27.808	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	574100	27.942	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	290031	25.615	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	283212	24.335	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	258353	25.127	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17188	21.456	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	208281	26.697	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	167045	27.865	ug/L	97
71) Naphthalene	15.365	128	323765	27.079	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	151213	27.240	ug/L	95

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

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