

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082521\
 Data File : VW019889.D
 Acq On : 25 Aug 2021 08:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Aug 26 01:02:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 25 00:57:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	425441	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	377765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	187000	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	143660	21.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.160%
7) Chloroethane-d5	2.898	69	125531	21.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	4.025	63	271121	23.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.800%
21) 2-Butanone-d5	7.086	46	56850	42.459	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.920%
24) Chloroform-d	7.653	84	276178	23.604	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.311	65	141355	22.419	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.680%
32) Benzene-d6	8.275	84	538457	24.999	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.274	67	157562	24.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.323	98	493635	25.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.040%
43) trans-1,3-Dichloroprop...	10.579	79	66666	24.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.960%
47) 2-Hexanone-d5	10.927	63	40997	45.118	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	119966	22.597	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	161277	25.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	93415	22.405	ug/L	# 88
3) Chloromethane	2.221	50	105820	20.395	ug/L	100
5) Vinyl chloride	2.373	62	174531	22.682	ug/L	96
6) Bromomethane	2.794	94	121802	21.331	ug/L	99
8) Chloroethane	2.934	64	110981	22.001	ug/L	98
9) Trichlorofluoromethane	3.269	101	116313	23.501	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	144291	24.561	ug/L	97
12) 1,1-Dichloroethene	4.044	96	140531	24.393	ug/L	94
13) Acetone	4.141	43	43657	38.195	ug/L	85
14) Carbon disulfide	4.391	76	420045	22.796	ug/L	99
15) Methyl Acetate	4.678	43	46800	19.670	ug/L	100
16) Methylene chloride	4.922	84	141212	19.339	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	145410	24.027	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	177205	25.437	ug/L	98
19) 1,1-Dichloroethane	6.220	63	259221	24.164	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	152522	24.898	ug/L	100
22) 2-Butanone	7.177	43	62113	41.936	ug/L	99
23) Bromochloromethane	7.519	128	63183	23.047	ug/L	92
25) Chloroform	7.677	83	262564	23.658	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	161650	22.327	ug/L	99
29) Cyclohexane	7.958	56	245005	27.618	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	220696	26.140	ug/L	99
31) Carbon tetrachloride	8.073	117	200815	25.515	ug/L	99
33) Benzene	8.329	78	586623	25.302	ug/L	100
34) Trichloroethene	9.092	95	154470	25.628	ug/L	93
35) Methylcyclohexane	9.335	83	278507	26.939	ug/L	99
37) 1,2-Dichloropropane	9.372	63	140414	24.453	ug/L	99
38) Bromodichloromethane	9.646	83	180428	24.255	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	218314	25.818	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	138020	45.203	ug/L	96
42) Toluene	10.390	91	633307	25.786	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	186840	25.103	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	96872	23.303	ug/L	97
46) Tetrachloroethene	10.866	164	120403	26.371	ug/L	96
48) 2-Hexanone	10.969	43	102322	48.141	ug/L	96
49) Dibromochloromethane	11.128	129	114424	24.063	ug/L	100
50) 1,2-Dibromoethane	11.238	107	91498	23.434	ug/L	97
51) Chlorobenzene	11.658	112	381748	24.473	ug/L	98
52) Ethylbenzene	11.731	91	694880	26.280	ug/L	97
53) m,p-Xylene	11.841	106	270586	26.648	ug/L	99
54) o-Xylene	12.164	106	249943	26.022	ug/L	95
55) Styrene	12.182	104	422151	25.721	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	112416	22.051	ug/L	98
59) Bromoform	12.347	173	56959	22.941	ug/L	98
60) Isopropylbenzene	12.463	105	703082	27.748	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	80673	22.003	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	576980	28.530	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	587527	28.661	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	288861	25.570	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	294283	25.344	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	260555	25.399	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17092	21.385	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	215589	27.697	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	172049	28.766	ug/L	100
71) Naphthalene	15.365	128	319403	26.776	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	142309	25.695	ug/L	97

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

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