

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062921\
 Data File : VW019348.D
 Acq On : 29 Jun 2021 09:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Jun 30 01:12:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 28 12:55:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	526523	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	470790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	228395	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	182131	26.347	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	105.400%	
7) Chloroethane-d5	2.897	69	140228	26.095	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	104.360%	
11) 1,1-Dichloroethene-d2	4.025	63	362807	25.684	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	102.720%	
21) 2-Butanone-d5	7.086	46	74161	43.195	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	86.400%	
24) Chloroform-d	7.653	84	353914	24.333	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	97.320%	
26) 1,2-Dichloroethane-d4	8.305	65	172367	23.077	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	92.320%	
32) Benzene-d6	8.280	84	723701	25.082	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	100.320%	
36) 1,2-Dichloropropane-d6	9.274	67	213171	24.239	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	96.960%	
41) Toluene-d8	10.323	98	654857	25.058	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	100.240%	
43) trans-1,3-Dichloroprop...	10.579	79	83545	24.126	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	96.520%	
47) 2-Hexanone-d5	10.926	63	61982	45.096	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	90.200%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	146385	22.563	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	90.240%	
66) 1,2-Dichlorobenzene-d4	13.853	152	200454	23.992	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	95.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	182022	29.011	ug/L	97
3) Chloromethane	2.221	50	161295	24.946	ug/L	98
5) Vinyl chloride	2.367	62	230087	25.691	ug/L	98
6) Bromomethane	2.788	94	123866	24.841	ug/L	99
8) Chloroethane	2.934	64	122890	25.022	ug/L	96
9) Trichlorofluoromethane	3.263	101	134298	27.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	175703	25.139	ug/L	95
12) 1,1-Dichloroethene	4.043	96	175556	24.916	ug/L	89
13) Acetone	4.147	43	52668	49.180	ug/L	80
14) Carbon disulfide	4.391	76	560624	25.156	ug/L	100
15) Methyl Acetate	4.684	43	61325	20.858	ug/L	100
16) Methylene chloride	4.921	84	188500	20.480	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	184916	24.213	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	210921	22.764	ug/L	95
19) 1,1-Dichloroethane	6.220	63	328625	23.938	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	188210	23.449	ug/L	100
22) 2-Butanone	7.183	43	81758	44.762	ug/L	98
23) Bromochloromethane	7.518	128	79158	22.690	ug/L	96
25) Chloroform	7.677	83	316990	23.276	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	193063	22.538	ug/L	98
29) Cyclohexane	7.957	56	323779	25.813	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	251527	25.149	ug/L	99
31) Carbon tetrachloride	8.073	117	238736	25.352	ug/L	99
33) Benzene	8.323	78	755266	24.594	ug/L	100
34) Trichloroethene	9.091	95	189201	24.208	ug/L	97
35) Methylcyclohexane	9.335	83	355177	25.764	ug/L	95
37) 1,2-Dichloropropane	9.372	63	180388	23.998	ug/L	99
38) Bromodichloromethane	9.646	83	219132	23.701	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	272084	24.271	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	173170	43.946	ug/L	97
42) Toluene	10.390	91	783651	24.603	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	227405	23.760	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	121391	22.790	ug/L	96
46) Tetrachloroethene	10.865	164	145954	24.174	ug/L	94
48) 2-Hexanone	10.969	43	120184	44.507	ug/L	95
49) Dibromochloromethane	11.128	129	135545	22.951	ug/L	92
50) 1,2-Dibromoethane	11.237	107	111428	22.103	ug/L	98
51) Chlorobenzene	11.658	112	473049	23.610	ug/L	97
52) Ethylbenzene	11.731	91	851432	24.452	ug/L	97
53) m,p-Xylene	11.841	106	323969	24.580	ug/L	91
54) o-Xylene	12.164	106	304433	24.209	ug/L	90
55) Styrene	12.182	104	531516	24.991	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	136206	21.662	ug/L	98
59) Bromoform	12.353	173	71424	22.874	ug/L	98
60) Isopropylbenzene	12.463	105	845806	25.971	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	100876	22.203	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	702785	25.895	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	707788	26.226	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	360361	24.834	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	351275	24.362	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	311004	24.240	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	20790	21.673	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	260260	24.777	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	211014	24.395	ug/L	99
71) Naphthalene	15.365	128	388321	23.569	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	192672	25.745	ug/L	96

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

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