

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020218.D
 Acq On : 29 Sep 2021 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Sep 30 00:55:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 29 00:57:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	270655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	268080	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	145165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114506	20.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
7) Chloroethane-d5	2.891	69	99066	23.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	4.031	63	182711	21.075	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.320%
21) 2-Butanone-d5	7.074	46	41549	48.628	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.260%
24) Chloroform-d	7.653	84	211019	24.791	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	8.305	65	118832	25.939	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.760%
32) Benzene-d6	8.275	84	400685	23.428	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	9.274	67	113297	22.890	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	10.323	98	379353	24.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.579	79	51114	24.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.640%
47) 2-Hexanone-d5	10.927	63	34671	50.616	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.240%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	100368	26.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	131750	24.204	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	61095	25.772	ug/L	99
3) Chloromethane	2.215	50	91156	27.808	ug/L	98
5) Vinyl chloride	2.367	62	149798	29.102	ug/L	98
6) Bromomethane	2.788	94	96853	29.106	ug/L	96
8) Chloroethane	2.928	64	93403	30.007	ug/L	100
9) Trichlorofluoromethane	3.263	101	87695	24.215	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	105437	26.632	ug/L	99
12) 1,1-Dichloroethene	4.050	96	93278	25.988	ug/L	88
13) Acetone	4.123	43	42276	57.771	ug/L	99
14) Carbon disulfide	4.391	76	287246	25.448	ug/L	98
15) Methyl Acetate	4.672	43	38770	27.705	ug/L	97
16) Methylene chloride	4.928	84	106592	22.319	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	98698	26.102	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	105171	23.430	ug/L	98
19) 1,1-Dichloroethane	6.220	63	186014	26.671	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	101684	26.442	ug/L	99
22) 2-Butanone	7.177	43	53555	56.410	ug/L	99
23) Bromochloromethane	7.519	128	48076	27.579	ug/L	97
25) Chloroform	7.677	83	200134	27.441	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136746	28.491	ug/L	99
29) Cyclohexane	7.958	56	150129	25.168	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	165199	24.869	ug/L	99
31) Carbon tetrachloride	8.067	117	156072	25.822	ug/L	98
33) Benzene	8.323	78	425452	26.297	ug/L	100
34) Trichloroethene	9.091	95	110185	25.441	ug/L	99
35) Methylcyclohexane	9.335	83	182152	25.812	ug/L	99
37) 1,2-Dichloropropane	9.366	63	105087	26.224	ug/L	99
38) Bromodichloromethane	9.646	83	144161	26.566	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	155356	26.285	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	111057	55.027	ug/L	100
42) Toluene	10.390	91	471173	27.412	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	144932	27.299	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	77405	26.343	ug/L	98
46) Tetrachloroethene	10.866	164	86913	25.963	ug/L	91
48) 2-Hexanone	10.969	43	84510	60.111	ug/L	99
49) Dibromochloromethane	11.128	129	92635	26.980	ug/L	92
50) 1,2-Dibromoethane	11.237	107	72014	26.042	ug/L	98
51) Chlorobenzene	11.658	112	296148	26.490	ug/L	100
52) Ethylbenzene	11.731	91	525120	27.737	ug/L	100
53) m,p-Xylene	11.841	106	203996	28.263	ug/L	97
54) o-Xylene	12.164	106	189839	28.433	ug/L	99
55) Styrene	12.182	104	334510	28.833	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	98435	28.047	ug/L	97
59) Bromoform	12.347	173	52337	26.443	ug/L	99
60) Isopropylbenzene	12.463	105	519956	26.714	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	71984	26.261	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	430791	26.968	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	436270	27.803	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	230550	25.828	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	238286	25.831	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	205234	25.245	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	16233	26.382	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	164340	26.618	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	117193	24.596	ug/L	92
71) Naphthalene	15.365	128	227951	27.125	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	120281	28.035	ug/L	98

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

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