

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018910.D
 Acq On : 03 May 2021 20:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025108

Quant Time: May 04 15:01:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	570087	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	516670	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	254488	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	167458	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
7) Chloroethane-d5	2.885	69	137929	24.34	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.36%
11) 1,1-Dichloroethene-d2	4.025	63	352604	24.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.12%
21) 2-Butanone-d5	7.080	46	85402	44.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.66%
24) Chloroform-d	7.647	84	382281	25.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	8.305	65	206955	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.04%
32) Benzene-d6	8.275	84	738369	25.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.16%
36) 1,2-Dichloropropane-d6	9.274	67	221479	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
41) Toluene-d8	10.323	98	693602	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.92%
43) trans-1,3-Dichloroprop...	10.579	79	93518	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.04%
47) 2-Hexanone-d5	10.927	63	74348	47.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.90%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	177248	24.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	221581	25.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	132554	24.49	ug/L	97
3) Chloromethane	2.215	50	127904	25.16	ug/L	99
5) Vinyl chloride	2.367	62	199979	24.24	ug/L	98
6) Bromomethane	2.782	94	141770	24.54	ug/L	98
8) Chloroethane	2.922	64	125198	25.23	ug/L	97
9) Trichlorofluoromethane	3.263	101	140072	21.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	183656	24.91	ug/L	96
12) 1,1-Dichloroethene	4.044	96	183937	24.91	ug/L	93
13) Acetone	4.135	43	49124	33.66	ug/L	87
14) Carbon disulfide	4.391	76	535892	24.52	ug/L	99
15) Methyl Acetate	4.678	43	67163	22.57	ug/L	94
16) Methylene chloride	4.915	84	200719	21.30	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	202781	25.61	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	255001	23.35	ug/L	98
19) 1,1-Dichloroethane	6.220	63	358591	26.36	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	212247	25.38	ug/L	96
22) 2-Butanone	7.177	43	84828	41.92	ug/L	93
23) Bromochloromethane	7.513	128	89401	24.26	ug/L	94
25) Chloroform	7.677	83	372248	26.16	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	242678	25.04	ug/L	99
29) Cyclohexane	7.958	56	311386	25.14	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	290534	25.38	ug/L	98
31) Carbon tetrachloride	8.067	117	258476	24.77	ug/L	99
33) Benzene	8.323	78	806244	26.06	ug/L	100
34) Trichloroethene	9.092	95	214299	25.97	ug/L	92
35) Methylcyclohexane	9.335	83	365038	25.15	ug/L	99
37) 1,2-Dichloropropane	9.372	63	194551	26.08	ug/L	98
38) Bromodichloromethane	9.646	83	258434	26.24	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	300815	25.32	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	207792	44.86	ug/L	93
42) Toluene	10.390	91	882748	25.93	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	256838	24.67	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	145083	24.49	ug/L	98
46) Tetrachloroethene	10.866	164	241960	38.99	ug/L	96
48) 2-Hexanone	10.969	43	139491	46.24	ug/L	93
49) Dibromochloromethane	11.128	129	159071	24.80	ug/L	100
50) 1,2-Dibromoethane	11.237	107	135404	23.57	ug/L	99
51) Chlorobenzene	11.658	112	529673	25.44	ug/L	96
52) Ethylbenzene	11.731	91	989327	26.21	ug/L	97
53) m,p-Xylene	11.841	106	365408	26.05	ug/L	97
54) o-Xylene	12.164	106	350928	26.26	ug/L	94
55) Styrene	12.182	104	590938	26.30	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	166950	23.31	ug/L	97
59) Bromoform	12.347	173	82004	23.29	ug/L	98
60) Isopropylbenzene	12.463	105	959545	26.41	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	125134	23.19	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	809615	26.71	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	803771	26.50	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	393598	25.68	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	392199	25.35	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	349216	25.18	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	25882	22.56	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	275834	24.96	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	222952	24.30	ug/L	94
71) Naphthalene	15.365	128	464757	24.00	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	202807	25.04	ug/L	97

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

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