

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
 Data File : VW018794.D
 Acq On : 26 Apr 2021 20:22
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025122

Quant Time: Apr 27 01:26:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 27 01:21:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	546810	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	509409	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	254126	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	130329	15.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.72%
7) Chloroethane-d5	2.892	69	126412	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
11) 1,1-Dichloroethene-d2	4.026	63	312393	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.60%
21) 2-Butanone-d5	7.080	46	115933	61.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.58%
24) Chloroform-d	7.647	84	395807	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.305	65	223348	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.88%
32) Benzene-d6	8.275	84	730142	24.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.72%
36) 1,2-Dichloropropane-d6	9.275	67	234989	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	10.323	98	672908	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.48%
43) trans-1,3-Dichloroprop...	10.579	79	102857	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.32%
47) 2-Hexanone-d5	10.927	63	100145	63.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.90%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	217001	28.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.40%
66) 1,2-Dichlorobenzene-d4	13.853	152	243504	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	130254	25.03	ug/L	98
3) Chloromethane	2.215	50	102248	14.38	ug/L	97
5) Vinyl chloride	2.367	62	191488	18.69	ug/L	98
6) Bromomethane	2.782	94	140301	17.18	ug/L	98
8) Chloroethane	2.928	64	126422	19.33	ug/L	99
9) Trichlorofluoromethane	3.263	101	147600	25.71	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	191044	26.22	ug/L	98
12) 1,1-Dichloroethene	4.044	96	178842	24.88	ug/L	98
13) Acetone	4.123	43	70943	51.67	ug/L	90
14) Carbon disulfide	4.391	76	465582	21.76	ug/L	100
15) Methyl Acetate	4.672	43	86430	27.60	ug/L	94
16) Methylene chloride	4.916	84	223545	24.94	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	202407	26.18	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	303401	29.33	ug/L	97
19) 1,1-Dichloroethane	6.220	63	372634	26.21	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	225295	27.40	ug/L	98
22) 2-Butanone	7.171	43	112100	53.73	ug/L	94
23) Bromochloromethane	7.513	128	98193	27.58	ug/L	93
25) Chloroform	7.677	83	390760	27.08	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	268105	27.30	ug/L	98
29) Cyclohexane	7.958	56	301778	24.05	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	303052	27.19	ug/L	99
31) Carbon tetrachloride	8.074	117	268833	26.75	ug/L	100
33) Benzene	8.324	78	834407	26.08	ug/L	100
34) Trichloroethene	9.092	95	220128	26.73	ug/L	94
35) Methylcyclohexane	9.336	83	357185	24.95	ug/L	99
37) 1,2-Dichloropropane	9.366	63	208795	25.78	ug/L	99
38) Bromodichloromethane	9.646	83	281632	27.33	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	332385	27.65	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	266811	53.63	ug/L	94
42) Toluene	10.390	91	910079	26.50	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	296918	28.29	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	166360	27.69	ug/L	97
46) Tetrachloroethene	10.866	164	158318	27.20	ug/L	98
48) 2-Hexanone	10.969	43	179612	57.11	ug/L	92
49) Dibromochloromethane	11.128	129	182637	28.53	ug/L	97
50) 1,2-Dibromoethane	11.238	107	161818	28.31	ug/L	95
51) Chlorobenzene	11.658	112	566537	26.80	ug/L	99
52) Ethylbenzene	11.731	91	1032264	27.21	ug/L	97
53) m,p-Xylene	11.841	106	377090	27.10	ug/L	96
54) o-Xylene	12.164	106	370058	27.70	ug/L	99
55) Styrene	12.183	104	635335	27.50	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	211424	28.26	ug/L	99
59) Bromoform	12.353	173	98962	27.32	ug/L	98
60) Isopropylbenzene	12.463	105	999241	26.73	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	155913	26.85	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	839417	27.11	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	841998	27.25	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	413907	26.13	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	433213	27.04	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	395443	27.14	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	32878	27.25	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	301976	26.71	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	267855	29.10	ug/L	97
71) Naphthalene	15.365	128	592080	30.53	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	226658	27.90	ug/L	98

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

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