

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
 Data File : VW018812.D
 Acq On : 27 Apr 2021 18:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025124

Quant Time: Apr 28 00:44:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 28 00:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	562524	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	504192	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	253431	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	125718	14.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.84%
7) Chloroethane-d5	2.892	69	120075	15.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.40%
11) 1,1-Dichloroethene-d2	4.026	63	300909	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.08%
21) 2-Butanone-d5	7.080	46	115758	59.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.98%
24) Chloroform-d	7.653	84	380863	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	8.305	65	213785	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.52%
32) Benzene-d6	8.275	84	691764	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	9.275	67	222262	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	10.323	98	633574	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
43) trans-1,3-Dichloroprop...	10.579	79	98984	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.36%
47) 2-Hexanone-d5	10.927	63	100737	64.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.98%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	215492	28.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.80%
66) 1,2-Dichlorobenzene-d4	13.853	152	233254	26.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	126273	23.58	ug/L	98
3) Chloromethane	2.221	50	99345	13.58	ug/L	99
5) Vinyl chloride	2.373	62	194304	18.43	ug/L	99
6) Bromomethane	2.782	94	136656	16.27	ug/L	98
8) Chloroethane	2.934	64	122035	18.14	ug/L	97
9) Trichlorofluoromethane	3.263	101	149320	25.29	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	191755	25.59	ug/L	95
12) 1,1-Dichloroethene	4.044	96	180074	24.35	ug/L	99
13) Acetone	4.129	43	71376	50.53	ug/L	90
14) Carbon disulfide	4.391	76	444267	20.19	ug/L	99
15) Methyl Acetate	4.672	43	84028	26.09	ug/L	94
16) Methylene chloride	4.922	84	211708	22.96	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	191817	24.12	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	296687	27.88	ug/L	98
19) 1,1-Dichloroethane	6.220	63	360706	24.66	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	220695	26.09	ug/L	99
22) 2-Butanone	7.171	43	110364	51.42	ug/L	93
23) Bromochloromethane	7.513	128	96200	26.26	ug/L	93
25) Chloroform	7.677	83	387075	26.07	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	259303	25.66	ug/L	99
29) Cyclohexane	7.958	56	294954	23.75	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	298020	27.01	ug/L	98
31) Carbon tetrachloride	8.067	117	269217	27.06	ug/L	98
33) Benzene	8.324	78	800562	25.29	ug/L	100
34) Trichloroethene	9.092	95	211764	25.98	ug/L	96
35) Methylcyclohexane	9.336	83	352127	24.85	ug/L	97
37) 1,2-Dichloropropane	9.372	63	201859	25.18	ug/L	99
38) Bromodichloromethane	9.646	83	276666	27.12	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	323102	27.16	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	259853	52.77	ug/L	93
42) Toluene	10.390	91	897082	26.40	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	289237	27.84	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	159489	26.82	ug/L	96
46) Tetrachloroethene	10.860	164	157044	27.27	ug/L	98
48) 2-Hexanone	10.969	43	177524	57.03	ug/L	94
49) Dibromochloromethane	11.128	129	180602	28.50	ug/L	97
50) 1,2-Dibromoethane	11.238	107	158403	28.00	ug/L	100
51) Chlorobenzene	11.658	112	558285	26.68	ug/L	98
52) Ethylbenzene	11.731	91	1006952	26.82	ug/L	97
53) m,p-Xylene	11.841	106	375797	27.28	ug/L	95
54) o-Xylene	12.164	106	361734	27.36	ug/L	95
55) Styrene	12.183	104	624124	27.29	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	204705	27.64	ug/L	97
59) Bromoform	12.347	173	100410	27.79	ug/L	99
60) Isopropylbenzene	12.463	105	999166	26.81	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	153175	26.45	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	845676	27.39	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	848851	27.55	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	430627	27.26	ug/L	86
65) 1,4-Dichlorobenzene	13.579	146	422116	26.42	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	392382	27.00	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	32899	27.34	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	319336	28.32	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	270312	29.45	ug/L	98
71) Naphthalene	15.365	128	589265	30.47	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	241535	29.81	ug/L	96

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

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