

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018866.D
 Acq On : 29 Apr 2021 23:30
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025128

Quant Time: Apr 30 02:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 02:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	632509	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	582041	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	285098	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	184735	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.891	69	145761	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
11) 1,1-Dichloroethene-d2	4.031	63	382289	23.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.92%
21) 2-Butanone-d5	7.080	46	116419	55.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.18%
24) Chloroform-d	7.653	84	411254	24.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	8.305	65	235494	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	8.275	84	794872	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	9.274	67	239405	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	10.323	98	748530	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
43) trans-1,3-Dichloroprop...	10.579	79	110510	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
47) 2-Hexanone-d5	10.927	63	101671	58.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.40%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	221151	26.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.00%
66) 1,2-Dichlorobenzene-d4	13.853	152	251183	25.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.84%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	156427	26.05	ug/L	98
3) Chloromethane	2.215	50	131966	23.40	ug/L	97
5) Vinyl chloride	2.367	62	225036	24.59	ug/L	98
6) Bromomethane	2.782	94	162457	25.35	ug/L	100
8) Chloroethane	2.928	64	139023	25.25	ug/L	95
9) Trichlorofluoromethane	3.263	101	160272	22.58	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	202355	24.74	ug/L	97
12) 1,1-Dichloroethene	4.044	96	205839	25.12	ug/L	95
13) Acetone	4.129	43	77435	47.82	ug/L	90
14) Carbon disulfide	4.385	76	614623	25.35	ug/L	99
15) Methyl Acetate	4.672	43	96299	29.17	ug/L	92
16) Methylene chloride	4.921	84	235156	22.49	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	226663	25.80	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	332165	27.41	ug/L	97
19) 1,1-Dichloroethane	6.220	63	398857	26.43	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	246551	26.58	ug/L	99
22) 2-Butanone	7.171	43	127466	56.78	ug/L	95
23) Bromochloromethane	7.519	128	111934	27.38	ug/L	90
25) Chloroform	7.677	83	422590	26.76	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	294153	27.36	ug/L	97
29) Cyclohexane	7.958	56	347234	24.89	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	326046	25.28	ug/L	99
31) Carbon tetrachloride	8.067	117	300756	25.59	ug/L	99
33) Benzene	8.323	78	911117	26.14	ug/L	100
34) Trichloroethene	9.091	95	237991	25.60	ug/L	94
35) Methylcyclohexane	9.335	83	407091	24.90	ug/L	97
37) 1,2-Dichloropropane	9.372	63	221122	26.32	ug/L	99
38) Bromodichloromethane	9.646	83	298479	26.90	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	360255	26.91	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	296063	56.74	ug/L	93
42) Toluene	10.390	91	990904	25.84	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	326327	27.82	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	178865	26.80	ug/L	94
46) Tetrachloroethene	10.859	164	175224	25.06	ug/L	97
48) 2-Hexanone	10.969	43	202763	59.67	ug/L	93
49) Dibromochloromethane	11.128	129	197764	27.37	ug/L	98
50) 1,2-Dibromoethane	11.237	107	177343	27.40	ug/L	99
51) Chlorobenzene	11.658	112	607393	25.90	ug/L	98
52) Ethylbenzene	11.731	91	1100100	25.87	ug/L	97
53) m,p-Xylene	11.841	106	405343	25.66	ug/L	95
54) o-Xylene	12.164	106	397100	26.37	ug/L	96
55) Styrene	12.182	104	680239	26.87	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	225800	27.99	ug/L	98
59) Bromoform	12.347	173	108333	27.46	ug/L	98
60) Isopropylbenzene	12.463	105	1066839	26.21	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	171259	28.33	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	910232	26.80	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	899513	26.47	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	467434	27.23	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	464802	26.82	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	417230	26.85	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	38003	29.57	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	331248	26.75	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	279007	27.14	ug/L	99
71) Naphthalene	15.365	128	638735	29.45	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	257928	28.43	ug/L	93

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

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