

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018891.D
 Acq On : 03 May 2021 11:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025107

Quant Time: May 04 01:13:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 22:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	567649	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	508483	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	245746	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	185150	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.68%
7) Chloroethane-d5	2.891	69	142961	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
11) 1,1-Dichloroethene-d2	4.019	63	376658	26.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.20%
21) 2-Butanone-d5	7.086	46	77966	41.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.22%
24) Chloroform-d	7.646	84	380774	25.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	8.305	65	200397	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
32) Benzene-d6	8.274	84	744669	25.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.68%
36) 1,2-Dichloropropane-d6	9.274	67	216622	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.68%
41) Toluene-d8	10.323	98	699205	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloroprop...	10.579	79	93903	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.96%
47) 2-Hexanone-d5	10.926	63	68876	45.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.26%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	167061	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.52%
66) 1,2-Dichlorobenzene-d4	13.853	152	222233	26.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.56%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	163374	30.31	ug/L	98
3) Chloromethane	2.214	50	125197	24.73	ug/L	98
5) Vinyl chloride	2.367	62	219190	26.69	ug/L	100
6) Bromomethane	2.788	94	148312	25.78	ug/L	97
8) Chloroethane	2.928	64	129823	26.27	ug/L	97
9) Trichlorofluoromethane	3.263	101	163159	25.61	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	199670	27.20	ug/L	98
12) 1,1-Dichloroethene	4.043	96	200277	27.24	ug/L	97
13) Acetone	4.141	43	56745	39.05	ug/L	88
14) Carbon disulfide	4.385	76	593246	27.26	ug/L	99
15) Methyl Acetate	4.677	43	64856	21.89	ug/L	94
16) Methylene chloride	4.915	84	208257	22.19	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	208259	26.42	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	257822	23.71	ug/L	98
19) 1,1-Dichloroethane	6.220	63	361795	26.71	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	216350	25.99	ug/L	99
22) 2-Butanone	7.177	43	85542	42.46	ug/L	96
23) Bromochloromethane	7.512	128	90336	24.62	ug/L	91
25) Chloroform	7.671	83	376906	26.60	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	237628	24.63	ug/L	99
29) Cyclohexane	7.957	56	332814	27.31	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	307917	27.33	ug/L	99
31) Carbon tetrachloride	8.067	117	282650	27.53	ug/L	99
33) Benzene	8.323	78	819832	26.92	ug/L	100
34) Trichloroethene	9.091	95	219078	26.97	ug/L	96
35) Methylcyclohexane	9.335	83	383679	26.86	ug/L	99
37) 1,2-Dichloropropane	9.366	63	191586	26.10	ug/L	99
38) Bromodichloromethane	9.646	83	256340	26.45	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	309305	26.45	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	196952	43.21	ug/L	94
42) Toluene	10.390	91	896490	26.76	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	264479	25.81	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	140986	24.18	ug/L	95
46) Tetrachloroethene	10.865	164	180742	29.59	ug/L	94
48) 2-Hexanone	10.969	43	135583	45.67	ug/L	96
49) Dibromochloromethane	11.128	129	157867	25.00	ug/L	94
50) 1,2-Dibromoethane	11.237	107	133250	23.57	ug/L	97
51) Chlorobenzene	11.658	112	539170	26.32	ug/L	98
52) Ethylbenzene	11.731	91	998643	26.88	ug/L	96
53) m,p-Xylene	11.841	106	371493	26.91	ug/L	94
54) o-Xylene	12.164	106	344319	26.18	ug/L	91
55) Styrene	12.182	104	587165	26.55	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	164678	23.37	ug/L	95
59) Bromoform	12.347	173	80543	23.69	ug/L	97
60) Isopropylbenzene	12.463	105	980270	27.94	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	119769	22.99	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	814782	27.83	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	822806	28.09	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	394661	26.67	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	387603	25.95	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	359246	26.82	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	25317	22.85	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	295116	27.65	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	233059	26.30	ug/L	95
71) Naphthalene	15.365	128	453134	24.24	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	198761	25.42	ug/L	97

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

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