

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050521\
 Data File : VW018936.D
 Acq On : 05 May 2021 15:29
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025112

Quant Time: May 06 01:12:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 06 01:11:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	554642	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	502717	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	249133	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	162426	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
7) Chloroethane-d5	2.891	69	133135	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	4.019	63	353007	24.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.96%
21) 2-Butanone-d5	7.080	46	101501	54.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.54%
24) Chloroform-d	7.647	84	365812	25.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	8.305	65	204361	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
32) Benzene-d6	8.274	84	683637	24.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.28%
36) 1,2-Dichloropropane-d6	9.274	67	206138	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
41) Toluene-d8	10.323	98	620187	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.64%
43) trans-1,3-Dichloroprop...	10.579	79	93497	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.64%
47) 2-Hexanone-d5	10.926	63	85277	56.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.04%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	191086	26.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.04%
66) 1,2-Dichlorobenzene-d4	13.853	152	202516	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	155201	29.47	ug/L	98
3) Chloromethane	2.215	50	130480	26.38	ug/L	97
5) Vinyl chloride	2.367	62	220916	27.53	ug/L	97
6) Bromomethane	2.788	94	147620	26.27	ug/L	99
8) Chloroethane	2.928	64	133406	27.63	ug/L	95
9) Trichlorofluoromethane	3.263	101	159035	25.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	196331	27.37	ug/L	95
12) 1,1-Dichloroethene	4.044	96	194910	27.13	ug/L	94
13) Acetone	4.135	43	114311	80.51	ug/L	90
14) Carbon disulfide	4.385	76	574531	27.02	ug/L	100
15) Methyl Acetate	4.671	43	83868	28.97	ug/L	96
16) Methylene chloride	4.915	84	223364	24.36	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	201053	26.10	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	268064	25.23	ug/L	99
19) 1,1-Dichloroethane	6.214	63	362505	27.39	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	215318	26.47	ug/L	96
22) 2-Butanone	7.177	43	136232	69.20	ug/L	99
23) Bromochloromethane	7.512	128	92618	25.83	ug/L	95
25) Chloroform	7.677	83	377847	27.29	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	262864	27.88	ug/L	99
29) Cyclohexane	7.951	56	321274	26.66	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	299959	26.93	ug/L	99
31) Carbon tetrachloride	8.067	117	274028	26.99	ug/L	98
33) Benzene	8.323	78	817592	27.16	ug/L	100
34) Trichloroethene	9.091	95	216537	26.97	ug/L	96
35) Methylcyclohexane	9.335	83	361459	25.60	ug/L	98
37) 1,2-Dichloropropane	9.366	63	197337	27.19	ug/L	99
38) Bromodichloromethane	9.646	83	267211	27.88	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	317453	27.46	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	257821	57.21	ug/L	96
42) Toluene	10.390	91	880358	26.58	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	283219	27.95	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	154196	26.75	ug/L	97
46) Tetrachloroethene	10.865	164	152855	25.31	ug/L	98
48) 2-Hexanone	10.969	43	197023	67.13	ug/L	97
49) Dibromochloromethane	11.128	129	170875	27.38	ug/L	94
50) 1,2-Dibromoethane	11.237	107	150601	26.94	ug/L	100
51) Chlorobenzene	11.658	112	526514	25.99	ug/L	99
52) Ethylbenzene	11.731	91	981749	26.73	ug/L	97
53) m,p-Xylene	11.841	106	356749	26.14	ug/L	95
54) o-Xylene	12.164	106	338135	26.00	ug/L	94
55) Styrene	12.182	104	598780	27.39	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	193510	27.77	ug/L	98
59) Bromoform	12.347	173	91508	26.55	ug/L	98
60) Isopropylbenzene	12.463	105	937391	26.36	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	147022	27.83	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	796759	26.85	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	782748	26.36	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	385881	25.72	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	389097	25.69	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	355371	26.17	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	32096	28.58	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	276428	25.55	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	234491	26.10	ug/L	98
71) Naphthalene	15.365	128	509704	26.89	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	206536	26.05	ug/L	97

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

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