

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020523.D
 Acq On : 15 Oct 2021 04:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025035

Quant Time: Oct 15 08:01:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 15 00:58:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	186497	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	179267	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	91848	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53946	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
7) Chloroethane-d5	2.879	69	32274	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
11) 1,1-Dichloroethene-d2	4.019	63	121253	21.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.24%
21) 2-Butanone-d5	7.080	46	59957	72.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.20%#
24) Chloroform-d	7.653	84	155246	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.311	65	94666	27.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.52%
32) Benzene-d6	8.275	84	284484	24.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.52%
36) 1,2-Dichloropropane-d6	9.274	67	99080	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
41) Toluene-d8	10.329	98	258395	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.68%
43) trans-1,3-Dichloroprop...	10.579	79	41234	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.60%
47) 2-Hexanone-d5	10.927	63	44112	74.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.22%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	92137	31.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.88%#
66) 1,2-Dichlorobenzene-d4	13.853	152	93220	25.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	17401	14.44	ug/L	100
3) Chloromethane	2.215	50	61646	24.60	ug/L	99
5) Vinyl chloride	2.361	62	81376	23.09	ug/L	98
6) Bromomethane	2.776	94	31303	20.45	ug/L	99
8) Chloroethane	2.916	64	29808	22.90	ug/L	98
9) Trichlorofluoromethane	3.257	101	46211	23.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	65765	23.00	ug/L	99
12) 1,1-Dichloroethene	4.044	96	61557	23.48	ug/L	98
13) Acetone	4.123	43	34998	46.16	ug/L	100
14) Carbon disulfide	4.385	76	190421	22.33	ug/L	100
15) Methyl Acetate	4.678	43	45284	32.16	ug/L	98
16) Methylene chloride	4.916	84	89079	24.57	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	67599	24.57	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	115698	29.85	ug/L	100
19) 1,1-Dichloroethane	6.220	63	143077	25.37	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	74988	26.22	ug/L	100
22) 2-Butanone	7.177	43	55440	58.41	ug/L	99
23) Bromochloromethane	7.513	128	32966	26.29	ug/L	97
25) Chloroform	7.683	83	141193	25.75	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	103286	27.54	ug/L	100
29) Cyclohexane	7.958	56	122358	23.31	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	106338	23.88	ug/L	99
31) Carbon tetrachloride	8.073	117	91068	23.26	ug/L	99
33) Benzene	8.330	78	310733	24.34	ug/L	100
34) Trichloroethene	9.098	95	74114	23.56	ug/L	97
35) Methylcyclohexane	9.335	83	124671	23.16	ug/L	99
37) 1,2-Dichloropropane	9.372	63	83238	25.17	ug/L	99
38) Bromodichloromethane	9.646	83	100311	25.30	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	117740	25.81	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	127766	64.38	ug/L	100
42) Toluene	10.390	91	322351	25.17	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	104395	25.96	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	57655	27.16	ug/L	99
46) Tetrachloroethene	10.866	164	53183	23.54	ug/L	95
48) 2-Hexanone	10.969	43	90589	62.21	ug/L	100
49) Dibromochloromethane	11.128	129	63512	27.15	ug/L	99
50) 1,2-Dibromoethane	11.238	107	55037	28.22	ug/L	100
51) Chlorobenzene	11.658	112	195116	24.71	ug/L	97
52) Ethylbenzene	11.731	91	354951	25.56	ug/L	100
53) m,p-Xylene	11.841	106	131037	25.46	ug/L	98
54) o-Xylene	12.164	106	125669	26.44	ug/L	96
55) Styrene	12.182	104	219803	26.45	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	76885	29.21	ug/L	99
59) Bromoform	12.353	173	34990	27.19	ug/L	100
60) Isopropylbenzene	12.463	105	346803	25.73	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	58029	28.68	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	294827	26.79	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	293213	26.89	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	144680	24.80	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	146536	24.29	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	135742	25.40	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	12911	30.04	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	99352	23.89	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	84783	25.74	ug/L	99
71) Naphthalene	15.365	128	191721	32.38	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	73374	25.37	ug/L	94

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

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