

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100721\
 Data File : VW020375.D
 Acq On : 07 Oct 2021 21:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Oct 08 07:35:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 05:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	269109	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245397	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	124245	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85608	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
7) Chloroethane-d5	2.885	69	42341	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	4.019	63	176046	23.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.20%
21) 2-Butanone-d5	7.080	46	58074	61.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.28%
24) Chloroform-d	7.653	84	187954	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.305	65	107850	25.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	8.275	84	363623	24.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	9.275	67	118151	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.28%
41) Toluene-d8	10.323	98	329181	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.84%
43) trans-1,3-Dichloroprop...	10.579	79	49676	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.64%
47) 2-Hexanone-d5	10.927	63	41538	63.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.54%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	90958	27.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	109616	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	43501	29.51	ug/L	100
3) Chloromethane	2.215	50	80678	22.38	ug/L	99
5) Vinyl chloride	2.361	62	112368	22.92	ug/L	99
6) Bromomethane	2.776	94	46044	24.26	ug/L	95
8) Chloroethane	2.922	64	37064	25.28	ug/L	97
9) Trichlorofluoromethane	2.357	101	56866	22.38	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	92471	23.35	ug/L	98
12) 1,1-Dichloroethene	4.038	96	88258	23.57	ug/L	93
13) Acetone	4.123	43	48949	50.54	ug/L	99
14) Carbon disulfide	4.385	76	275456	22.38	ug/L	99
15) Methyl Acetate	4.678	43	48000	27.12	ug/L	97
16) Methylene chloride	4.916	84	105696	21.99	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	92729	23.65	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	137042	27.04	ug/L	99
19) 1,1-Dichloroethane	6.220	63	186813	23.96	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	98825	24.65	ug/L	98
22) 2-Butanone	7.171	43	66040	55.46	ug/L	100
23) Bromochloromethane	7.519	128	43054	25.36	ug/L	96
25) Chloroform	7.683	83	178647	23.96	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	126732	25.44	ug/L	98
29) Cyclohexane	7.958	56	176434	24.18	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	141093	23.97	ug/L	99
31) Carbon tetrachloride	8.067	117	121318	23.61	ug/L	99
33) Benzene	8.323	78	409720	24.01	ug/L	100
34) Trichloroethene	9.092	95	99431	23.68	ug/L	98
35) Methylcyclohexane	9.336	83	173683	23.72	ug/L	99
37) 1,2-Dichloropropane	9.372	63	105283	24.76	ug/L	99
38) Bromodichloromethane	9.646	83	127258	24.57	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	155546	25.87	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	137698	59.29	ug/L	100
42) Toluene	10.390	91	423558	24.68	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	136539	26.22	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	69794	25.95	ug/L	99
46) Tetrachloroethene	10.860	164	71015	22.98	ug/L	93
48) 2-Hexanone	10.969	43	99338	58.63	ug/L	97
49) Dibromochloromethane	11.128	129	77298	25.61	ug/L	98
50) 1,2-Dibromoethane	11.238	107	66382	26.84	ug/L	99
51) Chlorobenzene	11.658	112	249547	23.97	ug/L	99
52) Ethylbenzene	11.731	91	459854	24.54	ug/L	99
53) m,p-Xylene	11.841	106	172734	24.95	ug/L	97
54) o-Xylene	12.164	106	161675	24.94	ug/L	99
55) Styrene	12.183	104	287956	25.81	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	86503	27.05	ug/L	97
59) Bromoform	12.347	173	41679	25.11	ug/L	98
60) Isopropylbenzene	12.463	105	441120	23.92	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	65912	26.76	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	372992	24.99	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	379724	25.46	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	184505	23.78	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	184092	23.51	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	174805	25.27	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14237	27.24	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	129651	23.52	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	105432	24.53	ug/L	99
71) Naphthalene	15.365	128	212426	28.37	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	95492	25.43	ug/L	100

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

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