

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021672.D
 Acq On : 28 Dec 2021 13:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Dec 29 00:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 12:18:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	98588	25.00	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98256	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59364	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46476	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
7) Chloroethane-d5	2.885	69	33153	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.28%
11) 1,1-Dichloroethene-d2	4.025	63	64532	22.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.76%
21) 2-Butanone-d5	7.086	46	12940	45.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.00%
24) Chloroform-d	7.653	84	69133	22.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	8.305	65	35805	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.08%
32) Benzene-d6	8.275	84	129742	22.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	9.274	67	35354	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.36%
41) Toluene-d8	10.323	98	130526	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloroprop...	10.579	79	16878	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
47) 2-Hexanone-d5	10.927	63	10560	43.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.98%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28339	21.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.88%
66) 1,2-Dichlorobenzene-d4	13.847	152	48738	21.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.88%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	17589	30.09	ug/L	100
3) Chloromethane	2.209	50	36895	24.44	ug/L	98
5) Vinyl chloride	2.361	62	52168	23.43	ug/L	100
6) Bromomethane	2.776	94	37665	25.99	ug/L	90
8) Chloroethane	2.916	64	26569	25.04	ug/L	99
9) Trichlorofluoromethane	3.257	101	29383	21.93	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	36216	22.19	ug/L	90
12) 1,1-Dichloroethene	4.044	96	32829	22.49	ug/L	81
13) Acetone	4.135	43	10156	42.06	ug/L	92
14) Carbon disulfide	4.385	76	99060	23.45	ug/L	100
15) Methyl Acetate	4.672	43	10730	23.29	ug/L	# 90
16) Methylene chloride	4.922	84	34359	19.52	ug/L	77
17) trans-1,2-Dichloroethene	5.428	96	34991	22.69	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	51333	23.91	ug/L	94
19) 1,1-Dichloroethane	6.214	63	56012	23.29	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37830	23.64	ug/L	74
22) 2-Butanone	7.177	43	14930	45.48	ug/L	83
23) Bromochloromethane	7.519	128	17819	23.03	ug/L	# 63
25) Chloroform	7.677	83	64322	23.18	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	41224	22.91	ug/L	97
29) Cyclohexane	7.951	56	51090	22.48	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	59182	22.83	ug/L	95
31) Carbon tetrachloride	8.073	117	56338	22.35	ug/L	99
33) Benzene	8.329	78	134478	22.43	ug/L	100
34) Trichloroethene	9.091	95	37644	22.12	ug/L	95
35) Methylcyclohexane	9.335	83	62939	22.41	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	30234	22.76	ug/L #	96
38) Bromodichloromethane	9.646	83	46578	22.97	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	51535	23.74	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	33174	45.33	ug/L #	91
42) Toluene	10.390	91	155667	22.49	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45572	23.36	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	25463	23.07	ug/L	92
46) Tetrachloroethene	10.866	164	36678	23.01	ug/L	89
48) 2-Hexanone	10.969	43	23525	47.33	ug/L #	92
49) Dibromochloromethane	11.128	129	35183	23.73	ug/L	96
50) 1,2-Dibromoethane	11.237	107	25375	22.89	ug/L #	97
51) Chlorobenzene	11.658	112	103198	23.11	ug/L	90
52) Ethylbenzene	11.731	91	172994	22.27	ug/L	94
53) m,p-Xylene	11.841	106	70383	22.61	ug/L	81
54) o-Xylene	12.164	106	66769	22.63	ug/L	99
55) Styrene	12.182	104	115720	22.84	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	27918	22.87	ug/L #	99
59) Bromoform	12.347	173	20582	23.76	ug/L	99
60) Isopropylbenzene	12.463	105	184381	22.28	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20163	22.20	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	157356	22.49	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	154433	22.22	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	84808	21.71	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	84780	21.76	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	73655	21.59	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4631	23.15	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	63484	22.12	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	48521	21.18	ug/L	97
71) Naphthalene	15.365	128	78879	21.16	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	41167	21.35	ug/L	97

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

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