Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
Data File : VW018977.D
Acq On : 12 May 2021 14:31
Operator : SY/VA
Sample : VSTD05001
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD050101

Quant Time: May 12 14:51:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 12 14:44:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	665887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	610644	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	322216	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	320838	38.69	ug/L	0.00
7) Chloroethane-d5	2.891	69	268570	41.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	669192	40.50	ug/L	0.00
21) 2-Butanone-d5	7.080	46	143434	68.71	ug/L	0.00
24) Chloroform-d	7.653	84	724397	41.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	370285	39.16	ug/L	0.00
32) Benzene-d6	8.275	84	1423381	42.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	418932	41.89	ug/L	0.00
41) Toluene-d8	10.329	98	1353329	42.71	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	189371	42.32	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	127084	75.11	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	322375	39.06	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	457982	41.64	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	283755	45.84	ug/L	97
3) Chloromethane	2.221	50	269719	45.07	ug/L	99
5) Vinyl chloride	2.367	62	452538	46.90	ug/L	97
6) Bromomethane	2.782	94	342091	49.74	ug/L	98
8) Chloroethane	2.928	64	290446	49.54	ug/L	98
9) Trichlorofluoromethane	3.263	101	343846	46.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	388937	45.40	ug/L	95
12) 1,1-Dichloroethene	4.044	96	398400	46.58	ug/L	96
13) Acetone	4.129	43	109024	69.07	ug/L	90
14) Carbon disulfide	4.391	76	1251668	49.14	ug/L	100
15) Methyl Acetate	4.665	43	136279	41.56	ug/L	94
16) Methylene chloride	4.915	84	425033	38.62	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	435671	47.23	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	542481	43.61	ug/L	97
19) 1,1-Dichloroethane	6.220	63	754102	47.48	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	470357	48.45	ug/L	96
22) 2-Butanone	7.171	43	172468	78.14	ug/L	94
23) Bromochloromethane	7.519	128	200050	46.67	ug/L	90
25) Chloroform	7.677	83	783395	47.38	ug/L	100
27) 1,2-Dichloroethane	8.403	62	488911	44.28	ug/L	98
29) Cyclohexane	7.958	56	660664	45.94	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	622998	46.75	ug/L	98
31) Carbon tetrachloride	8.073	117	578285	47.67	ug/L	100
33) Benzene	8.323	78	1725813	47.51	ug/L	100
34) Trichloroethene	9.091	95	455467	47.26	ug/L	94
35) Methylcyclohexane	9.335	83	785976	46.28	ug/L	98
37) 1,2-Dichloropropane	9.372	63	411775	47.38	ug/L	99
38) Bromodichloromethane	9.646	83	563590	49.14	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	662478	48.14	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	407691	79.20	ug/L	93
42) Toluene	10.390	91	1924224	48.09	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	572302	47.90	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Wed May 12 14:44:36 2021
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	1,1,2-Trichloroethane	10.786	97	307333	45.35	ug/L	98
46)	Tetrachloroethene	10.866	164	360440	48.98	ug/L	94
48)	2-Hexanone	10.969	43	272665	82.09	ug/L	92
49)	Dibromochloromethane	11.128	129	358939	48.39	ug/L	91
50)	1,2-Dibromoethane	11.237	107	296412	45.14	ug/L	97
51)	Chlorobenzene	11.658	112	1194184	48.51	ug/L	97
52)	Ethylbenzene	11.731	91	2132235	47.89	ug/L	100
53)	m,p-Xylene	11.841	106	819377	49.67	ug/L	98
54)	o-Xylene	12.164	106	791999	50.29	ug/L	98
55)	Styrene	12.182	104	1339741	50.48	ug/L	98
57)	1,1,2,2-Tetrachloroethane	12.713	83	350790	43.30	ug/L	98
59)	Bromoform	12.347	173	208881	48.02	ug/L	99
60)	Isopropylbenzene	12.463	105	2143953	46.60	ug/L	99
61)	1,2,3-Trichloropropane	12.768	75	254054	38.92	ug/L	99
62)	1,3,5-Trimethylbenzene	12.944	105	1792438	46.91	ug/L	100
63)	1,2,4-Trimethylbenzene	13.249	105	1814579	47.41	ug/L	97
64)	1,3-Dichlorobenzene	13.499	146	908052	46.65	ug/L	93
65)	1,4-Dichlorobenzene	13.578	146	926548	47.36	ug/L	94
67)	1,2-Dichlorobenzene	13.871	146	810643	45.82	ug/L	95
68)	1,2-Dibromo-3-chloropr...	14.481	75	54594	39.71	ug/L	85
69)	1,3,5-Trichlorobenzene	14.627	180	678737	48.25	ug/L	97
70)	1,2,4-trichlorobenzene	15.127	180	561758	48.41	ug/L	98
71)	Naphthalene	15.365	128	1009327	42.70	ug/L	99
72)	1,2,3-Trichlorobenzene	15.554	180	466595	45.09	ug/L	98

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

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