Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
Data File : VW018997.D
Acq On : 14 May 2021 11:44
Operator : SY/VA
Sample : VSTD10004
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD100104

Quant Time: May 14 12:01:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 14 11:35:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	620611	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	579293	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	301433	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	643823	89.71	ug/L	0.00
7) Chloroethane-d5	2.891	69	566955	96.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1360540	96.80	ug/L	0.00
21) 2-Butanone-d5	7.079	46	335468	207.23	ug/L	0.00
24) Chloroform-d	7.646	84	1498927	97.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	765049	96.62	ug/L	0.00
32) Benzene-d6	8.274	84	2913573	93.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	865508	94.69	ug/L	0.00
41) Toluene-d8	10.323	98	2858664	98.85	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	408901	105.00	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	295990	216.19	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	702967	99.30	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	958832	94.87	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	695650	120.32	ug/L	99
3) Chloromethane	2.214	50	701798	121.33	ug/L	98
5) Vinyl chloride	2.367	62	910387	102.95	ug/L	97
6) Bromomethane	2.775	94	689675	100.71	ug/L	98
8) Chloroethane	2.928	64	584851	105.67	ug/L	98
9) Trichlorofluoromethane	3.263	101	646933	106.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	807860	105.09	ug/L	95
12) 1,1-Dichloroethene	4.043	96	825084	107.48	ug/L	96
13) Acetone	4.123	43	228252	192.53	ug/L	91
14) Carbon disulfide	4.385	76	2421619	106.03	ug/L	99
15) Methyl Acetate	4.671	43	288947	109.15	ug/L	96
16) Methylene chloride	4.921	84	808152	80.85	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	884506	106.44	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	1049265	99.75	ug/L	97
19) 1,1-Dichloroethane	6.220	63	1523579	105.51	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	938304	106.45	ug/L	99
22) 2-Butanone	7.171	43	369152	205.92	ug/L	96
23) Bromochloromethane	7.512	128	406506	104.96	ug/L	91
25) Chloroform	7.677	83	1553539	103.45	ug/L	99
27) 1,2-Dichloroethane	8.402	62	975291	102.00	ug/L	98
29) Cyclohexane	7.957	56	1375523	107.57	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	1223031	100.96	ug/L	98
31) Carbon tetrachloride	8.073	117	1153940	104.72	ug/L	100
33) Benzene	8.323	78	3390762	100.39	ug/L	100
34) Trichloroethene	9.091	95	926786	104.08	ug/L	93
35) Methylcyclohexane	9.335	83	1620245	107.24	ug/L	98
37) 1,2-Dichloropropane	9.372	63	812155	99.82	ug/L	99
38) Bromodichloromethane	9.646	83	1124566	104.94	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	1362101	110.26	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	877480	210.60	ug/L	94
42) Toluene	10.390	91	3832079	103.50	ug/L	92
44) trans-1,3-Dichloropropene	10.603	75	1196982	112.58	ug/L	96

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Quant Title : SFAM01.0
QLast Update : Fri May 14 11:35:15 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	616620	102.00	ug/L		99
46) Tetrachloroethene	10.865	164	737266	104.91	ug/L		93
48) 2-Hexanone	10.969	43	610117	230.71	ug/L		94
49) Dibromochloromethane	11.127	129	756840	109.97	ug/L		99
50) 1,2-Dibromoethane	11.237	107	589052	102.21	ug/L	#	97
51) Chlorobenzene	11.658	112	2360849	101.51	ug/L		96
52) Ethylbenzene	11.731	91	4354411	107.35	ug/L		100
53) m,p-Xylene	11.841	106	1674060	108.53	ug/L		97
54) o-Xylene	12.164	106	1598173	109.44	ug/L		98
55) Styrene	12.182	104	2758641	110.59	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	717556	101.97	ug/L		96
59) Bromoform	12.353	173	441455	114.07	ug/L		97
60) Isopropylbenzene	12.463	105	4420714	108.94	ug/L		99
61) 1,2,3-Trichloropropane	12.767	75	523901	99.94	ug/L		98
62) 1,3,5-Trimethylbenzene	12.944	105	3584716	107.04	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	3675966	109.39	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	1874422	104.24	ug/L		95
65) 1,4-Dichlorobenzene	13.578	146	1808410	98.89	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	1665096	103.01	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.480	75	117122	107.76	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.627	180	1362900	103.45	ug/L		95
70) 1,2,4-trichlorobenzene	15.133	180	1093932	102.04	ug/L		96
71) Naphthalene	15.364	128	2127001	111.01	ug/L		99
72) 1,2,3-Trichlorobenzene	15.553	180	942445	101.15	ug/L		97

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

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