Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020082.D
Acq On : 21 Sep 2021 09:17
Operator : SY/VA
Sample : VSTD05055
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD050455

Quant Time: Sep 22 04:01:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 22 03:59:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	323856	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	307329	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	164322	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	314830	47.519	ug/L	0.00
7) Chloroethane-d5	2.897	69	236830	47.450	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	521833	50.304	ug/L	0.00
21) 2-Butanone-d5	7.079	46	109116	106.727	ug/L	0.00
24) Chloroform-d	7.652	84	501390	49.228	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	270035	49.261	ug/L	0.00
32) Benzene-d6	8.280	84	979457	49.954	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.280	67	280190	49.378	ug/L	0.00
41) Toluene-d8	10.329	98	926827	51.951	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	128017	52.783	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	91605	116.655	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	225933	51.618	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	307498	49.906	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.019	85	148041	52.190	ug/L	98
3) Chloromethane	2.221	50	194316	49.541	ug/L	99
5) Vinyl chloride	2.373	62	328864	53.395	ug/L	96
6) Bromomethane	2.787	94	201056	50.496	ug/L	99
8) Chloroethane	2.934	64	192310	51.633	ug/L	98
9) Trichlorofluoromethane	3.269	101	241689	55.775	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	242797	51.253	ug/L	100
12) 1,1-Dichloroethene	4.049	96	233271	54.300	ug/L	90
13) Acetone	4.123	43	91385	104.366	ug/L	98
14) Carbon disulfide	4.391	76	749649	55.503	ug/L	99
15) Methyl Acetate	4.671	43	89774	53.614	ug/L	100
16) Methylene chloride	4.921	84	229726	40.200	ug/L	97
17) trans-1,2-Dichloroethene	5.439	96	243415	53.799	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	299184	55.702	ug/L	99
19) 1,1-Dichloroethane	6.226	63	430113	51.540	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	251682	54.696	ug/L	100
22) 2-Butanone	7.171	43	123391	108.619	ug/L	98
23) Bromochloromethane	7.524	128	108134	51.841	ug/L	94
25) Chloroform	7.683	83	444588	50.945	ug/L	99
27) 1,2-Dichloroethane	8.402	62	297863	51.866	ug/L	99
29) Cyclohexane	7.963	56	397482	58.124	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	390018	51.214	ug/L	99
31) Carbon tetrachloride	8.073	117	362379	52.299	ug/L	100
33) Benzene	8.329	78	972009	52.406	ug/L	100
34) Trichloroethene	9.097	95	254046	51.166	ug/L	98
35) Methylcyclohexane	9.341	83	462806	57.207	ug/L	98
37) 1,2-Dichloropropane	9.372	63	233316	50.787	ug/L	99
38) Bromodichloromethane	9.646	83	317935	51.106	ug/L	100
39) cis-1,3-Dichloropropene	10.079	75	376287	55.533	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	261093	112.845	ug/L	99
42) Toluene	10.390	91	1059833	53.784	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	336893	55.352	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Wed Sep 22 03:59:31 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	173017	51.362	ug/L		98
46) Tetrachloroethene	10.865	164	202085	52.658	ug/L		97
48) 2-Hexanone	10.969	43	187555	116.369	ug/L		97
49) Dibromochloromethane	11.134	129	210872	53.573	ug/L		92
50) 1,2-Dibromoethane	11.237	107	166531	52.531	ug/L	#	97
51) Chlorobenzene	11.658	112	664241	51.828	ug/L		99
52) Ethylbenzene	11.731	91	1193234	54.978	ug/L		100
53) m,p-Xylene	11.841	106	464025	56.079	ug/L		96
54) o-Xylene	12.170	106	437413	57.147	ug/L		100
55) Styrene	12.182	104	762593	57.337	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	213311	53.017	ug/L		97
59) Bromoform	12.353	173	117002	52.223	ug/L		99
60) Isopropylbenzene	12.463	105	1219387	55.345	ug/L		100
61) 1,2,3-Trichloropropane	12.767	75	156763	50.523	ug/L		98
62) 1,3,5-Trimethylbenzene	12.944	105	1030701	57.002	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	1025403	57.728	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	526017	52.059	ug/L		99
65) 1,4-Dichlorobenzene	13.578	146	513595	49.185	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	474017	51.510	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	36316	52.139	ug/L		97
69) 1,3,5-Trichlorobenzene	14.627	180	346251	49.544	ug/L		95
70) 1,2,4-trichlorobenzene	15.133	180	288096	53.415	ug/L		95
71) Naphthalene	15.365	128	563967	59.287	ug/L		99
72) 1,2,3-Trichlorobenzene	15.553	180	259760	53.486	ug/L		99

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

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