Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\
Data File : VW018224.D
Acq On : 23 Feb 2021 12:24
Operator : SY/VA
Sample : VSTD05002
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD050102

Quant Time: Feb 23 13:41:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 23 13:38:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	427019	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.628	117	390008	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	194981	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	235475	33.35	ug/L		0.00
7) Chloroethane-d5	2.898	69	185054	31.12	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.032	63	477954	39.80	ug/L		0.00
21) 2-Butanone-d5	7.074	46	98857	59.29	ug/L		0.00
24) Chloroform-d	7.647	84	498233	40.70	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	240266	35.31	ug/L		0.00
32) Benzene-d6	8.275	84	992217	43.66	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.275	67	270852	42.06	ug/L		0.00
41) Toluene-d8	10.323	98	946265	44.18	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	124650	43.75	ug/L		0.00
47) 2-Hexanone-d5	10.921	63	87061	78.50	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	208659	35.16	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	340652	47.43	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	259982	49.48	ug/L		96
3) Chloromethane	2.221	50	197306	38.12	ug/L		100
5) Vinyl chloride	2.367	62	281382	37.38	ug/L		99
6) Bromomethane	2.788	94	196449	30.12	ug/L		100
8) Chloroethane	2.928	64	163150	34.03	ug/L		99
9) Trichlorofluoromethane	3.263	101	220663	44.95	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	280135	45.16	ug/L		89
12) 1,1-Dichloroethene	4.044	96	271234	47.12	ug/L		90
13) Acetone	4.117	43	65701	57.65	ug/L		88
14) Carbon disulfide	4.391	76	804097	47.45	ug/L		100
15) Methyl Acetate	4.666	43	87460	29.82	ug/L		94
16) Methylene chloride	4.922	84	259958	37.32	ug/L		86
17) trans-1,2-Dichloroethene	5.428	96	291108	47.01	ug/L		90
18) Methyl tert-butyl Ether	5.422	73	277422	39.12	ug/L	#	94
19) 1,1-Dichloroethane	6.220	63	453992	43.30	ug/L		99
20) cis-1,2-Dichloroethene	7.171	96	302433	46.69	ug/L		90
22) 2-Butanone	7.165	43	109353	58.55	ug/L		94
23) Bromochloromethane	7.513	128	141231	47.22	ug/L	#	79
25) Chloroform	7.677	83	490424	43.43	ug/L		100
27) 1,2-Dichloroethane	8.403	62	288193	37.27	ug/L	#	93
29) Cyclohexane	7.958	56	414607	44.85	ug/L		95
30) 1,1,1-Trichloroethane	7.872	97	401555	45.18	ug/L		95
31) Carbon tetrachloride	8.074	117	394817	46.26	ug/L		98
33) Benzene	8.323	78	1061800	45.16	ug/L		100
34) Trichloroethene	9.092	95	299772	46.42	ug/L		92
35) Methylcyclohexane	9.335	83	502109	46.76	ug/L		96
37) 1,2-Dichloropropane	9.366	63	246094	43.21	ug/L		99
38) Bromodichloromethane	9.646	83	351112	44.58	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	412261	47.79	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	247046	66.30	ug/L	#	90
42) Toluene	10.390	91	1193720	46.53	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	349759	46.50	ug/L		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	197656	42.38	ug/L		98
46) Tetrachloroethene	10.866	164	264148	53.00	ug/L		94
48) 2-Hexanone	10.969	43	169766	67.82	ug/L	#	90
49) Dibromochloromethane	11.128	129	249865	47.04	ug/L		93
50) 1,2-Dibromoethane	11.232	107	192270	42.07	ug/L	#	96
51) Chlorobenzene	11.652	112	780787	47.03	ug/L		97
52) Ethylbenzene	11.731	91	1364556	47.65	ug/L		100
53) m,p-Xylene	11.835	106	515032	46.61	ug/L		99
54) o-Xylene	12.164	106	504095	48.94	ug/L		93
55) Styrene	12.183	104	846760	48.18	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	213574	37.18	ug/L		99
59) Bromoform	12.347	173	145386	48.94	ug/L		99
60) Isopropylbenzene	12.463	105	1375750	48.93	ug/L		97
61) 1,2,3-Trichloropropane	12.768	75	156544	36.57	ug/L		96
62) 1,3,5-Trimethylbenzene	12.945	105	1157074	50.48	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	1168618	51.42	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	640985	52.10	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	632065	50.46	ug/L		93
67) 1,2-Dichlorobenzene	13.871	146	567722	49.71	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	34819	37.24	ug/L	#	76
69) 1,3,5-Trichlorobenzene	14.627	180	498601	56.85	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	410248	55.82	ug/L		97
71) Naphthalene	15.365	128	730354	47.04	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	353430	53.27	ug/L		97

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

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