Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
Data File : VW018504.D
Acq On : 31 Mar 2021 10:41
Operator : SY/VA
Sample : VSTD00501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD005101

Quant Time: Mar 31 12:02:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Mar 31 12:01:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.842	114	458934	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	423684	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	212255	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	34941	6.32	ug/L		0.00
7) Chloroethane-d5	2.885	69	28714	6.62	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.025	63	57182	5.47	ug/L		0.00
21) 2-Butanone-d5	7.080	46	13693	11.71	ug/L		0.00
24) Chloroform-d	7.653	84	57504	5.10	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	35584	6.06	ug/L		0.00
32) Benzene-d6	8.275	84	109470	4.95	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	31695	5.11	ug/L		0.00
41) Toluene-d8	10.323	98	103277	4.86	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.573	79	14366	5.04	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	10569	10.28	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	27279	5.22	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	35097	4.66	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	25669	4.61	ug/L		93
3) Chloromethane	2.215	50	29839	6.37	ug/L		95
5) Vinyl chloride	2.367	62	49355	7.20	ug/L		94
6) Bromomethane	2.782	94	35250	7.41	ug/L		92
8) Chloroethane	2.928	64	28239	7.24	ug/L		96
9) Trichlorofluoromethane	3.263	101	20682	4.79	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	31377	5.24	ug/L	#	89
12) 1,1-Dichloroethene	4.044	96	30146	5.15	ug/L		96
13) Acetone	4.123	43	10808	13.32	ug/L		88
14) Carbon disulfide	4.391	76	89114	4.95	ug/L		96
15) Methyl Acetate	4.678	43	12845	6.09	ug/L	#	84
16) Methylene chloride	4.915	84	35161	5.47	ug/L		92
17) trans-1,2-Dichloroethene	5.428	96	32498	5.19	ug/L		98
18) Methyl tert-butyl Ether	5.428	73	42428	6.48	ug/L		99
19) 1,1-Dichloroethane	6.220	63	55278	5.52	ug/L		94
20) cis-1,2-Dichloroethene	7.177	96	34544	5.29	ug/L		98
22) 2-Butanone	7.171	43	15285	11.67	ug/L		99
23) Bromochloromethane	7.519	128	15864	5.16	ug/L		81
25) Chloroform	7.671	83	62002	5.69	ug/L		95
27) 1,2-Dichloroethane	8.397	62	43548	6.35	ug/L		99
29) Cyclohexane	7.958	56	50107	5.67	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	47584	5.37	ug/L		99
31) Carbon tetrachloride	8.067	117	44007	5.15	ug/L		100
33) Benzene	8.323	78	126852	5.39	ug/L		100
34) Trichloroethene	9.092	95	35663	5.42	ug/L		90
35) Methylcyclohexane	9.335	83	58474	5.37	ug/L		98
37) 1,2-Dichloropropane	9.372	63	30072	5.46	ug/L	#	95
38) Bromodichloromethane	9.646	83	42030	5.44	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	46312	5.21	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	35917	12.12	ug/L		95
42) Toluene	10.390	91	139699	5.36	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	42194	5.44	ug/L		99

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	24723	5.48	ug/L		97
46) Tetrachloroethene	10.860	164	26079	4.60	ug/L		93
48) 2-Hexanone	10.969	43	25727	12.64	ug/L		96
49) Dibromochloromethane	11.128	129	27508	4.97	ug/L		97
50) 1,2-Dibromoethane	11.238	107	24791	5.60	ug/L		88
51) Chlorobenzene	11.658	112	90076	5.21	ug/L		95
52) Ethylbenzene	11.731	91	158215	5.36	ug/L		98
53) m,p-Xylene	11.835	106	57068	5.03	ug/L		92
54) o-Xylene	12.164	106	55115	5.10	ug/L		85
55) Styrene	12.176	104	89719	4.89	ug/L		86
57) 1,1,2,2-Tetrachloroethane	12.713	83	30249	5.78	ug/L	#	97
59) Bromoform	12.347	173	14313	4.65	ug/L		96
60) Isopropylbenzene	12.463	105	153050	5.43	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	22351	6.02	ug/L		99
62) 1,3,5-Trimethylbenzene	12.945	105	127633	5.38	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	125137	5.28	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	66914	4.98	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	70102	5.21	ug/L		94
67) 1,2-Dichlorobenzene	13.865	146	61440	5.10	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5205	6.33	ug/L		85
69) 1,3,5-Trichlorobenzene	14.627	180	49079	4.82	ug/L		94
70) 1,2,4-trichlorobenzene	15.127	180	42814	5.13	ug/L		98
71) Naphthalene	15.365	128	82963	5.44	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	36653	4.98	ug/L		98

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

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