Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
Data File : VW018505.D
Acq On : 31 Mar 2021 11:05
Operator : SY/VA
Sample : VSTD02502
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025102

Quant Time: Mar 31 12:03:10 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	487912	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	464166	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	256779	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	199698	33.99	ug/L		0.00
7) Chloroethane-d5	2.891	69	157063	34.06	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.031	63	294086	26.48	ug/L		0.00
21) 2-Butanone-d5	7.074	46	84392	67.86	ug/L		0.00
24) Chloroform-d	7.653	84	313337	26.15	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	194533	31.15	ug/L		0.00
32) Benzene-d6	8.275	84	610613	25.21	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	177740	26.18	ug/L		0.00
41) Toluene-d8	10.323	98	595933	25.62	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	89798	28.78	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	75384	66.96	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	175647	30.67	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	203048	22.29	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	131528	22.23	ug/L		95
3) Chloromethane	2.215	50	165831	33.30	ug/L		99
5) Vinyl chloride	2.367	62	261401	35.87	ug/L		95
6) Bromomethane	2.782	94	181983	35.99	ug/L		99
8) Chloroethane	2.928	64	157082	37.86	ug/L		97
9) Trichlorofluoromethane	3.257	101	113616	24.78	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	161131	25.32	ug/L		96
12) 1,1-Dichloroethene	4.044	96	162214	26.08	ug/L		92
13) Acetone	4.117	43	58803	68.17	ug/L		92
14) Carbon disulfide	4.385	76	502722	26.26	ug/L		100
15) Methyl Acetate	4.665	43	75610	33.69	ug/L	#	81
16) Methylene chloride	4.922	84	170066	24.88	ug/L		96
17) trans-1,2-Dichloroethene	5.421	96	179441	26.95	ug/L		96
18) Methyl tert-butyl Ether	5.421	73	231593	33.29	ug/L		99
19) 1,1-Dichloroethane	6.214	63	304068	28.57	ug/L		99
20) cis-1,2-Dichloroethene	7.171	96	189208	27.24	ug/L		99
22) 2-Butanone	7.171	43	101044	72.58	ug/L		97
23) Bromochloromethane	7.513	128	86142	26.34	ug/L		91
25) Chloroform	7.677	83	333084	28.76	ug/L		98
27) 1,2-Dichloroethane	8.396	62	241829	33.16	ug/L		97
29) Cyclohexane	7.958	56	268074	27.71	ug/L		96
30) 1,1,1-Trichloroethane	7.872	97	266457	27.45	ug/L		100
31) Carbon tetrachloride	8.067	117	251782	26.89	ug/L		100
33) Benzene	8.323	78	709445	27.51	ug/L		100
34) Trichloroethene	9.091	95	193585	26.87	ug/L		94
35) Methylcyclohexane	9.335	83	327273	27.43	ug/L		98
37) 1,2-Dichloropropane	9.366	63	173404	28.72	ug/L		99
38) Bromodichloromethane	9.646	83	245943	29.04	ug/L		95
39) cis-1,3-Dichloropropene	10.073	75	291679	29.97	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	235735	72.62	ug/L		97
42) Toluene	10.390	91	802227	28.09	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	270932	31.86	ug/L		99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Mar 31 12:01:42 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	145199	29.39	ug/L	97
46) Tetrachloroethene	10.866	164	149285	24.02	ug/L	94
48) 2-Hexanone	10.969	43	167457	75.12	ug/L	97
49) Dibromochloromethane	11.128	129	172955	28.53	ug/L	99
50) 1,2-Dibromoethane	11.231	107	145718	30.03	ug/L	100
51) Chlorobenzene	11.658	112	508757	26.88	ug/L	98
52) Ethylbenzene	11.731	91	911400	28.21	ug/L	97
53) m,p-Xylene	11.835	106	335701	27.02	ug/L	93
54) o-Xylene	12.164	106	327944	27.70	ug/L	97
55) Styrene	12.182	104	584544	29.08	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	191459	33.37	ug/L	97
59) Bromoform	12.347	173	101029	27.11	ug/L	98
60) Isopropylbenzene	12.463	105	888067	26.03	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	140250	31.25	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	755024	26.33	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	770979	26.88	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	400220	24.60	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	398312	24.47	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	363483	24.95	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	34169	34.37	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	286342	23.26	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	231632	22.95	ug/L	94
71) Naphthalene	15.365	128	526408	28.52	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	215268	24.18	ug/L	96

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

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