Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100821\
Data File : VW020401.D
Acq On : 08 Oct 2021 11:08
Operator : SY/VA
Sample : VSTD02578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025478

Quant Time: Oct 08 11:45:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 08 11:43:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	218875	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	204783	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	102407	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	74956	24.885	ug/L	0.00
7) Chloroethane-d5	2.879	69	39025	29.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	156003	25.014	ug/L	0.00
21) 2-Butanone-d5	7.080	46	49836	60.839	ug/L	0.00
24) Chloroform-d	7.653	84	164307	25.688	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	96082	26.966	ug/L	0.00
32) Benzene-d6	8.275	84	322237	25.632	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	102852	25.648	ug/L	0.00
41) Toluene-d8	10.329	98	291658	25.631	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	43036	26.256	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	35368	61.102	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	81376	28.201	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	93430	25.403	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	34222	27.649	ug/L	99
3) Chloromethane	2.209	50	70084	23.833	ug/L	96
5) Vinyl chloride	2.361	62	102834	25.430	ug/L	97
6) Bromomethane	2.776	94	43277	26.791	ug/L	97
8) Chloroethane	2.916	64	36231	29.184	ug/L	98
9) Trichlorofluoromethane	3.257	101	57756	27.047	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	83993	25.618	ug/L	99
12) 1,1-Dichloroethene	4.044	96	78089	25.348	ug/L	98
13) Acetone	4.129	43	49833	60.201	ug/L	100
14) Carbon disulfide	4.385	76	249180	24.709	ug/L	100
15) Methyl Acetate	4.678	43	44149	28.861	ug/L	99
16) Methylene chloride	4.922	84	91711	22.781	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	82108	25.401	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	120558	28.076	ug/L	100
19) 1,1-Dichloroethane	6.220	63	166802	25.758	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	86682	26.067	ug/L	93
22) 2-Butanone	7.177	43	63856	61.842	ug/L	99
23) Bromochloromethane	7.519	128	37235	26.160	ug/L	95
25) Chloroform	7.683	83	160297	25.867	ug/L	97
27) 1,2-Dichloroethane	8.403	62	113900	27.120	ug/L	100
29) Cyclohexane	7.958	56	160784	26.085	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	126055	25.327	ug/L	100
31) Carbon tetrachloride	8.073	117	111100	25.515	ug/L	100
33) Benzene	8.323	78	362162	25.130	ug/L	100
34) Trichloroethene	9.091	95	89292	25.149	ug/L	97
35) Methylcyclohexane	9.335	83	159152	25.616	ug/L	100
37) 1,2-Dichloropropane	9.372	63	94098	25.963	ug/L	99
38) Bromodichloromethane	9.646	83	111412	25.337	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	135038	26.378	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	126274	61.012	ug/L	100
42) Toluene	10.390	91	376299	25.906	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	121648	27.195	ug/L	100

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45) 1,1,2-Trichloroethane	10.786	97	62435	26.812	ug/L	99
46) Tetrachloroethene	10.866	164	64894	24.872	ug/L	89
48) 2-Hexanone	10.969	43	97838	64.633	ug/L	97
49) Dibromochloromethane	11.128	129	69420	26.755	ug/L	100
50) 1,2-Dibromoethane	11.237	107	58129	27.131	ug/L	99
51) Chlorobenzene	11.658	112	224986	25.440	ug/L	99
52) Ethylbenzene	11.731	91	412305	25.912	ug/L	98
53) m,p-Xylene	11.841	106	151447	25.818	ug/L	98
54) o-Xylene	12.164	106	143044	26.023	ug/L	99
55) Styrene	12.182	104	248864	26.371	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	78392	28.028	ug/L	100
59) Bromoform	12.353	173	36523	25.912	ug/L	100
60) Isopropylbenzene	12.463	105	396706	25.655	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	58680	27.560	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	329881	26.393	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	329649	26.337	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	161134	24.741	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	164780	24.986	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	148720	25.480	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	12589	27.668	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	115523	25.007	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	93868	25.790	ug/L	99
71) Naphthalene	15.365	128	179789	27.994	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	82183	25.857	ug/L	98

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

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