Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
Data File : VW023371.D
Acq On : 02 Jun 2022 12:53
Operator : SY/VA
Sample : VSTD10011
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100411

Quant Time: Jun 02 21:27:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 02 21:25:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	418712	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	400682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	217505	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	620584	100.222	ug/L	0.00
7) Chloroethane-d5	2.879	69	473878	110.390	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	944668	99.257	ug/L	0.00
21) 2-Butanone-d5	7.073	46	290533	228.633	ug/L	0.00
24) Chloroform-d	7.646	84	1124349	101.974	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	585510	101.387	ug/L	0.00
32) Benzene-d6	8.274	84	2203435	102.347	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	629656	102.229	ug/L	0.00
41) Toluene-d8	10.323	98	2187324	106.557	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	306427	111.445	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	245626	248.236	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	587116	108.074	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	808736	105.190	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	232997	135.581	ug/L	97
3) Chloromethane	2.214	50	500086	96.717	ug/L	98
5) Vinyl chloride	2.361	62	803130	99.784	ug/L	99
6) Bromomethane	2.769	94	419684	106.815	ug/L	100
8) Chloroethane	2.916	64	403902	109.770	ug/L	94
9) Trichlorofluoromethane	3.251	101	362274	95.286	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	538518	97.754	ug/L	98
12) 1,1-Dichloroethene	4.037	96	494888	103.132	ug/L	96
13) Acetone	4.117	43	188502	202.827	ug/L	95
14) Carbon disulfide	4.385	76	1605101	100.141	ug/L	99
15) Methyl Acetate	4.665	43	216666	105.596	ug/L	99
16) Methylene chloride	4.909	84	530886	88.512	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	567351	101.345	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	853537	103.567	ug/L	98
19) 1,1-Dichloroethane	6.214	63	949712	100.150	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	614881	104.593	ug/L	95
22) 2-Butanone	7.165	43	300764	216.711	ug/L	99
23) Bromochloromethane	7.512	128	287189	103.268	ug/L	97
25) Chloroform	7.677	83	1049346	101.102	ug/L	98
27) 1,2-Dichloroethane	8.402	62	663591	99.304	ug/L	98
29) Cyclohexane	7.957	56	913460	106.738	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	926168	99.878	ug/L	99
31) Carbon tetrachloride	8.067	117	881356	101.059	ug/L	98
33) Benzene	8.323	78	2300994	100.250	ug/L	100
34) Trichloroethene	9.091	95	622800	100.189	ug/L	98
35) Methylcyclohexane	9.335	83	1107601	107.551	ug/L	98
37) 1,2-Dichloropropane	9.366	63	539372	99.747	ug/L	100
38) Bromodichloromethane	9.646	83	781017	102.039	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	934202	109.992	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	688475	224.660	ug/L	97
42) Toluene	10.384	91	2671462	104.768	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	851248	112.007	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	448917	101.400	ug/L	97
46) Tetrachloroethene	10.859	164	526480	105.771	ug/L	93
48) 2-Hexanone	10.969	43	489196	238.834	ug/L	99
49) Dibromochloromethane	11.127	129	600402	110.515	ug/L	94
50) 1,2-Dibromoethane	11.237	107	460888	106.789	ug/L	95
51) Chlorobenzene	11.658	112	1743248	103.540	ug/L	97
52) Ethylbenzene	11.731	91	2981006	106.460	ug/L	98
53) m,p-Xylene	11.841	106	1218787	109.914	ug/L	94
54) o-Xylene	12.164	106	1174455	110.706	ug/L	97
55) Styrene	12.182	104	2039822	112.823	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	546527	104.518	ug/L	97
59) Bromoform	12.347	173	373500	116.976	ug/L	99
60) Isopropylbenzene	12.463	105	3223778	108.069	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	383283	98.034	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2693102	110.186	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2092463	110.274	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1393238	102.734	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	1399745	100.968	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1255724	102.440	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	90302	103.695	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	956161	106.758	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	829490	116.564	ug/L	98
71) Naphthalene	15.358	128	1684524	125.733	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	693953	112.665	ug/L	99

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

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