Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061720\
Data File : VV016958.D
Acq On : 17 Jun 2020 11:11
Operator : SY/MD
Sample : VSTD02032
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD02032

Quant Time: Jun 18 00:57:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 18 00:53:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	204150	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	192433	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	104343	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	257289	15.40	ug/L		0.00
7) Chloroethane-d5	1.58	69	171978	13.58	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.12	63	471559	15.98	ug/L		0.00
20) 2-Butanone-d5	3.92	46	675527	182.91	ug/L		0.00
24) Chloroform-d	4.37	84	542259	18.62	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.05	65	288958	18.98	ug/L		0.00
32) Benzene-d6	5.07	84	1040990	19.48	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.09	67	303505	18.43	ug/L		0.00
41) Toluene-d8	7.34	98	974930	19.83	ug/L		0.00
45) trans-1,3-Dichloropropene-	7.64	79	134736	22.34	ug/L		0.00
48) 2-Hexanone-d5	8.11	63	570919	208.61	ug/L		0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	209742	18.27	ug/L		0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	378099	19.63	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	319424	19.430	ug/L		99
3) Chloromethane	1.25	50	265546	13.893	ug/L		100
5) Vinyl chloride	1.32	62	264095	15.486	ug/L		99
6) Bromomethane	1.53	94	151145	15.655	ug/L		99
8) Chloroethane	1.60	64	129895	12.859	ug/L		96
9) Trichlorofluoromethane	1.76	101	424260	17.780	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	213798	16.319	ug/L		99
12) 1,1-Dichloroethene	2.13	96	194569	15.672	ug/L		95
13) Acetone	2.19	43	320633	131.138	ug/L		96
14) Carbon disulfide	2.31	76	583054	15.561	ug/L		99
15) Methyl Acetate	2.45	43	73594	12.138	ug/L		98
16) Methylene chloride	2.52	84	189811	14.366	ug/L		97
17) Methyl tert-butyl Ether	2.79	73	479493	16.359	ug/L		99
18) trans-1,2-Dichloroethene	2.78	96	203007	15.488	ug/L		98
19) 1,1-Dichloroethane	3.21	63	455116	17.239	ug/L		99
21) 2-Butanone	4.00	43	630428	173.949	ug/L		100
22) cis-1,2-Dichloroethene	3.93	96	277621	18.424	ug/L	#	99
23) Bromochloromethane	4.27	128	119055	19.961	ug/L		96
25) Chloroform	4.40	83	508514	18.864	ug/L		99
27) 1,2-Dichloroethane	5.15	62	313499	17.951	ug/L		99
29) 1,1,1-Trichloroethane	4.63	97	471730	20.924	ug/L		98
30) Cyclohexane	4.70	56	439650	18.627	ug/L		98
31) Carbon tetrachloride	4.85	117	423763	21.749	ug/L		99
33) Benzene	5.12	78	1022995	18.474	ug/L		100
34) Trichloroethene	5.94	95	286087	19.396	ug/L		98
35) Methylcyclohexane	6.15	83	469439	19.820	ug/L		97
37) 1,2-Dichloropropane	6.20	63	249627	18.066	ug/L		97
38) Bromodichloromethane	6.53	83	346934	20.344	ug/L		98
39) cis-1,3-Dichloropropene	7.05	75	404604	21.475	ug/L		100
40) 4-Methyl-2-pentanone	7.25	43	1501172	180.177	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.41	91	1133365	19.182 ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	1134003	21.487 ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	1155806	21.388 ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	343118	22.032 ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	171593	18.907 ug/L	98
49) Tetrachloroethene	7.99	164	237182	21.346 ug/L	100
50) 2-Hexanone	8.16	43	1065456	183.153 ug/L	98
51) Dibromochloromethane	8.27	129	225989	22.948 ug/L	99
52) 1,2-Dibromoethane	8.37	107	167261	19.548 ug/L	96
53) Chlorobenzene	8.90	112	725593	19.354 ug/L	99
54) Ethylbenzene	9.03	91	1295295	19.788 ug/L	98
55) m,p-xylene	9.16	106	490641	19.944 ug/L	100
56) o-xylene	9.56	106	467929	20.229 ug/L	100
57) Styrene	9.58	104	806218	20.530 ug/L	98
58) Isopropylbenzene	9.95	105	1309973	20.639 ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	188669	16.954 ug/L	94
62) Bromoform	9.75	173	121295	26.304 ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	619427	19.552 ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	619184	18.890 ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	560049	18.930 ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	35784	19.290 ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	506063	21.642 ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	426900	21.359 ug/L	100
70) Naphthalene	13.52	128	645673	14.149 ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	351291	20.073 ug/L	99

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

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