Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015922.D
Acq On : 06 May 2020 20:01
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00558

Quant Time: May 07 02:07:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160538	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	80145	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46442	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.58	69	41863	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.12	63	95682	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.40%			
20) 2-Butanone-d5	3.93	46	130851	51.12	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.24%			
24) Chloroform-d	4.38	84	95406	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.06	65	55754	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.08	84	190860	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.09	67	59138	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.34	98	182721	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	7.64	79	22506	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.11	63	105650	50.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.86%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	42081	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	66673	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	62345	4.852	ug/L	100
3) Chloromethane	1.25	50	62846	4.908	ug/L	98
5) Vinyl chloride	1.32	62	60866	4.960	ug/L	98
6) Bromomethane	1.53	94	32448	4.773	ug/L	99
8) Chloroethane	1.60	64	37575	5.033	ug/L	97
9) Trichlorofluoromethane	1.77	101	86395	5.229	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46397	4.925	ug/L	98
12) 1,1-Dichloroethene	2.13	96	44751	4.972	ug/L	92
13) Acetone	2.21	43	83364	52.889	ug/L	70
14) Carbon disulfide	2.31	76	142324	4.849	ug/L	99
15) Methyl Acetate	2.46	43	20400	5.563	ug/L	97
16) Methylene chloride	2.52	84	50437	3.978	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	117275	4.918	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	49493	4.894	ug/L	99
19) 1,1-Dichloroethane	3.21	63	96929	5.020	ug/L	99
21) 2-Butanone	4.01	43	131224	49.831	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	52187	4.951	ug/L	98

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00558

Quant Time: May 07 02:07:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	22689	5.160 ug/L	95
25) Chloroform	4.41	83	105690	5.029 ug/L	100
27) 1,2-Dichloroethane	5.16	62	65129	5.003 ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	89607	5.034 ug/L	99
30) Cyclohexane	4.70	56	88403	4.852 ug/L	98
31) Carbon tetrachloride	4.86	117	75637	4.947 ug/L	100
33) Benzene	5.13	78	207461	5.073 ug/L	100
34) Trichloroethene	5.94	95	55394	4.979 ug/L	95
35) Methylcyclohexane	6.15	83	86305	4.741 ug/L	100
37) 1,2-Dichloropropane	6.20	63	52143	5.099 ug/L #	97
38) Bromodichloromethane	6.53	83	64679	5.050 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	71553	4.974 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	330372	50.619 ug/L	99
42) Toluene	7.41	91	221231	5.084 ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	60798	4.994 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	34531	5.011 ug/L	98
47) Tetrachloroethene	8.00	164	39611	4.774 ug/L	97
48) 2-Hexanone	8.16	43	240635	52.824 ug/L	98
49) Dibromochloromethane	8.27	129	37508	5.044 ug/L	95
50) 1,2-Dibromoethane	8.38	107	32362	4.977 ug/L #	94
51) Chlorobenzene	8.90	112	139482	5.008 ug/L	98
52) Ethylbenzene	9.04	91	248577	5.020 ug/L	99
53) m,p-xylene	9.16	106	91856	4.955 ug/L	98
54) o-xylene	9.57	106	87598	4.970 ug/L	99
55) Styrene	9.58	104	151904	5.154 ug/L	99
56) Isopropylbenzene	9.95	105	243351	5.020 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	40238	5.069 ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	31937	5.098 ug/L	99
61) Bromoform	9.75	173	16530	4.833 ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	109804	4.851 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	111551	4.972 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	101017	4.923 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6583	4.618 ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	80569	4.784 ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	68627	4.845 ug/L	98
69) Naphthalene	13.53	128	113985	4.760 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	61808	4.871 ug/L	98

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

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Instrument :
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