Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102720\
Data File : VU040989.D
Acq On : 27 Oct 2020 17:21
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Oct 28 02:27:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 28 02:17:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56055	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28707	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	22557	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.92	69	18470	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.58	63	46693	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.00%			
20) 2-Butanone-d5	4.66	46	84302	54.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.72%			
24) Chloroform-d	5.08	84	43555	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.72	65	26638	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.74	84	79041	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.70	67	25795	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.91	98	70659	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11077	5.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%			
46) 2-Hexanone-d5	8.64	63	62375	54.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.12%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24672	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	25656	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27706	5.414	ug/L	98
3) Chloromethane	1.53	50	29167	5.466	ug/L	99
5) Vinyl chloride	1.61	62	28762	5.464	ug/L	100
6) Bromomethane	1.87	94	13887	4.602	ug/L	97
8) Chloroethane	1.94	64	17716	5.311	ug/L	99
9) Trichlorofluoromethane	2.15	101	39092	5.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23629	5.635	ug/L	98
12) 1,1-Dichloroethene	2.59	96	21688	5.477	ug/L	95
13) Acetone	2.68	43	56980	53.742	ug/L #	66
14) Carbon disulfide	2.81	76	68751	5.196	ug/L	100
15) Methyl Acetate	2.98	43	13161	5.425	ug/L	94
16) Methylene chloride	3.06	84	26139	5.666	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	53744	5.274	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	21772	5.411	ug/L	97
19) 1,1-Dichloroethane	3.89	63	43783	5.442	ug/L	98
21) 2-Butanone	4.74	43	90521	54.627	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	22816	5.497	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	10824	5.528	ug/L	93
25) Chloroform	5.11	83	45169	5.599	ug/L	96
27) 1,2-Dichloroethane	5.81	62	34220	5.695	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	38086	5.485	ug/L	97
30) Cyclohexane	5.41	56	35487	5.187	ug/L	99
31) Carbon tetrachloride	5.54	117	32750	5.327	ug/L	100
33) Benzene	5.79	78	92604	5.459	ug/L	100
34) Trichloroethene	6.56	95	22762	5.273	ug/L	99
35) Methylcyclohexane	6.77	83	33516	5.205	ug/L	98
37) 1,2-Dichloropropane	6.80	63	25649	5.588	ug/L	98
38) Bromodichloromethane	7.11	83	32232	5.414	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	32691	5.173	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	203451	55.591	ug/L	99
42) Toluene	7.98	91	96349	5.601	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	32199	5.444	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	18967	5.551	ug/L	95
47) Tetrachloroethene	8.56	164	17330	5.459	ug/L	98
48) 2-Hexanone	8.69	43	157516	57.160	ug/L	99
49) Dibromochloromethane	8.81	129	21588	5.440	ug/L	98
50) 1,2-Dibromoethane	8.93	107	17330	5.323	ug/L	99
51) Chlorobenzene	9.45	112	59662	5.470	ug/L	98
52) Ethylbenzene	9.57	91	97059	5.361	ug/L	100
53) m,p-Xylene	9.69	106	37414	5.666	ug/L	97
54) o-Xylene	10.10	106	34270	5.572	ug/L	96
55) Styrene	10.11	104	62960	5.746	ug/L	97
56) Isopropylbenzene	10.48	105	91329	5.523	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	24488	5.457	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	18555	5.424	ug/L	100
61) Bromoform	10.29	173	11800	5.334	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	46011	5.553	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	46864	5.461	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	44152	5.399	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4043	5.045	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	30218	5.214	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	24514	5.106	ug/L	96
69) Naphthalene	14.08	128	42349	4.933	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	24723	5.587	ug/L	96

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

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