Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091520\
Data File : VU040134.D
Acq On : 15 Sep 2020 11:47
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Sep 16 03:05:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 14:13:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124748	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63280	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33601	4.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.60%			
7) Chloroethane-d5	1.92	69	29111	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.58	63	87123	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.60%			
20) 2-Butanone-d5	4.66	46	127425	46.77	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.54%			
24) Chloroform-d	5.08	84	73949	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.72	65	44547	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.74	84	132617	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.70	67	43231	4.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.20%			
41) Toluene-d8	7.90	98	119849	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	8.18	79	19316	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.64	63	96974	47.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.06%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39825	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46642	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	62823	5.074	ug/L	99
3) Chloromethane	1.53	50	50857	4.291	ug/L	100
5) Vinyl chloride	1.61	62	57454	4.781	ug/L	99
6) Bromomethane	1.87	94	21818	3.552	ug/L	96
8) Chloroethane	1.94	64	35873	4.968	ug/L	99
9) Trichlorofluoromethane	2.15	101	89058	5.174	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58491	5.242	ug/L	98
12) 1,1-Dichloroethene	2.59	96	50890	5.271	ug/L	96
13) Acetone	2.67	43	128756	51.054	ug/L	95
14) Carbon disulfide	2.81	76	146207	4.723	ug/L	99
15) Methyl Acetate	2.97	43	25571	4.040	ug/L	95
16) Methylene chloride	3.06	84	61668	4.878	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	140934	4.844	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	53631	5.164	ug/L	94
19) 1,1-Dichloroethane	3.89	63	103542	4.844	ug/L	99
21) 2-Butanone	4.74	43	209092	50.783	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	54728	4.901	ug/L	93

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Sep 16 03:05:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26213	5.358	ug/L	92
25) Chloroform	5.11	83	113611	5.190	ug/L	99
27) 1,2-Dichloroethane	5.81	62	80718	5.033	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	95264	4.979	ug/L	99
30) Cyclohexane	5.40	56	88319	4.760	ug/L	100
31) Carbon tetrachloride	5.54	117	82733	5.053	ug/L	99
33) Benzene	5.79	78	223707	5.132	ug/L	100
34) Trichloroethene	6.55	95	58766	5.026	ug/L	98
35) Methylcyclohexane	6.77	83	85496	4.775	ug/L	98
37) 1,2-Dichloropropane	6.80	63	61194	5.184	ug/L	98
38) Bromodichloromethane	7.11	83	78862	4.894	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	85710	4.924	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	478997	49.458	ug/L	98
42) Toluene	7.97	91	234055	5.214	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	79502	4.929	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	44673	5.195	ug/L	98
47) Tetrachloroethene	8.56	164	39319	5.119	ug/L	94
48) 2-Hexanone	8.69	43	360254	50.995	ug/L	98
49) Dibromochloromethane	8.81	129	53877	5.220	ug/L	99
50) 1,2-Dibromoethane	8.93	107	42755	5.157	ug/L	95
51) Chlorobenzene	9.45	112	151070	5.420	ug/L	94
52) Ethylbenzene	9.57	91	260433	5.106	ug/L	100
53) m,p-Xylene	9.69	106	97556	5.372	ug/L	97
54) o-Xylene	10.10	106	91575	5.292	ug/L	96
55) Styrene	10.11	104	165949	5.514	ug/L	95
56) Isopropylbenzene	10.48	105	254440	5.391	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	60063	5.447	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	44582	5.098	ug/L	97
61) Bromoform	10.29	173	27948	4.815	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	119651	5.173	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	122082	5.216	ug/L	95
65) 1,2-Dichlorobenzene	12.20	146	114262	5.106	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	10435	4.360	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	81292	4.999	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	69174	4.938	ug/L	99
69) Naphthalene	14.08	128	133108	4.559	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	63866	4.964	ug/L	98

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

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