Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110220\
Data File : VU041063.D
Acq On : 02 Nov 2020 20:23
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Nov 03 00:50:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30029	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	23840	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.92	69	18066	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.58	63	46990	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	4.65	46	95848	57.19	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.38%			
24) Chloroform-d	5.08	84	46421	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
26) 1,2-Dichloroethane-d4	5.72	65	28523	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.74	84	82931	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.70	67	28467	5.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.00%			
41) Toluene-d8	7.91	98	77405	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
43) trans-1,3-Dichloropropene-	8.18	79	11678	5.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.20%			
46) 2-Hexanone-d5	8.64	63	72395	59.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.98%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25988	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	26986	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27570	4.985	ug/L	99
3) Chloromethane	1.53	50	29270	5.075	ug/L	98
5) Vinyl chloride	1.61	62	28674	5.040	ug/L	99
6) Bromomethane	1.87	94	15957	4.893	ug/L	99
8) Chloroethane	1.94	64	16654	4.620	ug/L	97
9) Trichlorofluoromethane	2.15	101	39887	5.158	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23365	5.155	ug/L	97
12) 1,1-Dichloroethene	2.59	96	21173	4.948	ug/L	99
13) Acetone	2.66	43	64279	56.094	ug/L #	56
14) Carbon disulfide	2.81	76	67396	4.713	ug/L	99
15) Methyl Acetate	2.97	43	15991	6.099	ug/L	93
16) Methylene chloride	3.06	84	26634	5.341	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	62160	5.644	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	22097	5.081	ug/L	99
19) 1,1-Dichloroethane	3.89	63	48065	5.528	ug/L	99
21) 2-Butanone	4.73	43	106850	59.660	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	24559	5.475	ug/L	94

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Time: Nov 03 00:50:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	11981	5.661 ug/L	98
25) Chloroform	5.11	83	48921	5.611 ug/L	97
27) 1,2-Dichloroethane	5.81	62	37036	5.703 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	40954	5.639 ug/L	95
30) Cyclohexane	5.40	56	37986	5.309 ug/L	99
31) Carbon tetrachloride	5.54	117	35022	5.446 ug/L	100
33) Benzene	5.79	78	99538	5.610 ug/L	100
34) Trichloroethene	6.55	95	25799	5.714 ug/L	96
35) Methylcyclohexane	6.77	83	34843	5.173 ug/L	100
37) 1,2-Dichloropropane	6.80	63	28824	6.004 ug/L #	97
38) Bromodichloromethane	7.11	83	35496	5.700 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	37707	5.704 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	251432	65.684 ug/L	98
42) Toluene	7.98	91	102163	5.678 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	36125	5.840 ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	20520	5.742 ug/L	96
47) Tetrachloroethene	8.56	164	17919	5.397 ug/L	95
48) 2-Hexanone	8.69	43	191194	66.334 ug/L	97
49) Dibromochloromethane	8.82	129	24166	5.823 ug/L	100
50) 1,2-Dibromoethane	8.93	107	20168	5.922 ug/L #	100
51) Chlorobenzene	9.45	112	63877	5.599 ug/L	98
52) Ethylbenzene	9.57	91	108171	5.712 ug/L	98
53) m,p-Xylene	9.69	106	40420	5.852 ug/L	99
54) o-Xylene	10.10	106	37880	5.889 ug/L	99
55) Styrene	10.11	104	66905	5.838 ug/L	99
56) Isopropylbenzene	10.48	105	103296	5.972 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	27769	5.916 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	21799	6.092 ug/L	96
61) Bromoform	10.29	173	13843	5.982 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	49114	5.666 ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	50922	5.672 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	48372	5.655 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	5238	6.248 ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	32902	5.427 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	28159	5.607 ug/L	98
69) Naphthalene	14.08	128	51773	5.765 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	27687	5.982 ug/L	95

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

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