Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040451.D
Acq On : 02 Oct 2020 10:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 03 00:13:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 18:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	163176	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	156438	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	79655	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	39736	4.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.40%			
7) Chloroethane-d5	1.92	69	32225	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.58	63	97009	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.80%			
20) 2-Butanone-d5	4.66	46	156931	39.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.22%			
24) Chloroform-d	5.08	84	82332	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
26) 1,2-Dichloroethane-d4	5.72	65	48531	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
32) Benzene-d6	5.74	84	156434	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.70	67	52041	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.90	98	148114	5.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.40%			
43) trans-1,3-Dichloropropene-	8.19	79	23039	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	8.64	63	115326	41.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45592	4.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56673	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	80432	4.915	ug/L	99
3) Chloromethane	1.53	50	71006	4.425	ug/L	99
5) Vinyl chloride	1.61	62	75811	4.806	ug/L	95
6) Bromomethane	1.87	94	34563	4.506	ug/L	97
8) Chloroethane	1.94	64	45808	4.900	ug/L	99
9) Trichlorofluoromethane	2.15	101	104662	4.810	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	68720	4.946	ug/L	99
12) 1,1-Dichloroethene	2.59	96	61036	4.912	ug/L	94
13) Acetone	2.66	43	167052	49.958	ug/L	99
14) Carbon disulfide	2.81	76	184025	4.685	ug/L	99
15) Methyl Acetate	2.97	43	37442	4.649	ug/L	97
16) Methylene chloride	3.06	84	71178	4.560	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	175568	5.128	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	62800	4.887	ug/L	100
19) 1,1-Dichloroethane	3.89	63	130145	4.935	ug/L	100
21) 2-Butanone	4.74	43	270385	50.377	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	69204	4.868	ug/L	98

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Acq On : 02 Oct 2020 10:51
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Oct 03 00:13:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 18:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	31991	4.915 ug/L	95
25) Chloroform	5.11	83	130850	4.864 ug/L	99
27) 1,2-Dichloroethane	5.81	62	93665	5.028 ug/L	95
29) 1,1,1-Trichloroethane	5.33	97	112437	5.261 ug/L	99
30) Cyclohexane	5.40	56	117193	5.301 ug/L	98
31) Carbon tetrachloride	5.54	117	95498	5.212 ug/L	99
33) Benzene	5.79	78	275369	5.250 ug/L	100
34) Trichloroethene	6.55	95	72790	5.228 ug/L	95
35) Methylcyclohexane	6.77	83	109232	5.349 ug/L	98
37) 1,2-Dichloropropane	6.80	63	75230	5.150 ug/L	100
38) Bromodichloromethane	7.11	83	93996	5.212 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	105934	5.407 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	622034	54.381 ug/L	100
42) Toluene	7.97	91	287396	5.344 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	96717	5.355 ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	53492	5.224 ug/L	99
47) Tetrachloroethene	8.56	164	51311	5.190 ug/L	97
48) 2-Hexanone	8.69	43	462048	54.819 ug/L	99
49) Dibromochloromethane	8.81	129	63318	5.316 ug/L	97
50) 1,2-Dibromoethane	8.93	107	51855	5.280 ug/L	92
51) Chlorobenzene	9.45	112	182626	5.252 ug/L	99
52) Ethylbenzene	9.57	91	316016	5.415 ug/L	98
53) m,p-Xylene	9.69	106	118396	5.446 ug/L	98
54) o-Xylene	10.10	106	112151	5.483 ug/L	97
55) Styrene	10.11	104	197721	5.542 ug/L	99
56) Isopropylbenzene	10.48	105	304287	5.513 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	70157	5.055 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	52821	4.989 ug/L	99
61) Bromoform	10.29	173	35073	5.328 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	145813	5.529 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	149297	5.443 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	139420	5.438 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	12205	5.282 ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	104107	5.530 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	87853	5.807 ug/L	99
69) Naphthalene	14.08	128	158801	6.142 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	79946	5.775 ug/L	99

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

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