Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092520\
Data File : VU040279.D
Acq On : 24 Sep 2020 18:33
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV106

Quant Time: Sep 25 02:55:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 25 02:46:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	203113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	198992	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	103869	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	72822	5.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.00%			
7) Chloroethane-d5	1.92	69	60362	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.40%			
11) 1,1-Dichloroethene-d2	2.58	65	37548	5.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.40%			
20) 2-Butanone-d5	4.65	46	277652	56.17	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.34%			
24) Chloroform-d	5.08	84	151261	5.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.00%			
26) 1,2-Dichloroethane-d4	5.72	65	88664	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.74	84	281244	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.70	67	92177	5.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.00%			
41) Toluene-d8	7.90	98	259942	5.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.00%			
43) trans-1,3-Dichloropropene-	8.18	79	37847	5.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.20%			
46) 2-Hexanone-d5	8.64	63	207803	59.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 118.30%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	78666	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
66) 1,2-Dichlorobenzene-d4	12.19	152	95255	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	114145	5.399	ug/L	98
3) Chloromethane	1.53	50	113616	5.447	ug/L	99
5) Vinyl chloride	1.61	62	109910	5.353	ug/L	100
6) Bromomethane	1.87	94	59122	5.383	ug/L	96
8) Chloroethane	1.94	64	64871	5.294	ug/L	98
9) Trichlorofluoromethane	2.15	101	146149	5.283	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	91891	5.382	ug/L	99
12) 1,1-Dichloroethene	2.59	96	86149	5.442	ug/L	89
13) Acetone	2.66	43	215123	53.716	ug/L	97
14) Carbon disulfide	2.81	76	290826	5.245	ug/L	98
15) Methyl Acetate	2.97	43	52007	5.346	ug/L	96
16) Methylene chloride	3.06	84	115326	5.803	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	233292	5.542	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	87889	5.253	ug/L	95
19) 1,1-Dichloroethane	3.89	63	176264	5.351	ug/L	98
21) 2-Butanone	4.73	43	362123	56.127	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	94794	5.407	ug/L	97

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Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV106

Quant Time: Sep 25 02:55:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 25 02:46:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	43862	5.342 ug/L	96
25) Chloroform	5.11	83	175586	5.315 ug/L	100
27) 1,2-Dichloroethane	5.81	62	127936	5.387 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	152559	5.464 ug/L	98
30) Cyclohexane	5.41	56	170198	5.579 ug/L	99
31) Carbon tetrachloride	5.54	117	130161	5.450 ug/L	98
33) Benzene	5.79	78	374214	5.420 ug/L	100
34) Trichloroethene	6.55	95	99799	5.567 ug/L	96
35) Methylcyclohexane	6.77	83	156787	5.588 ug/L	98
37) 1,2-Dichloropropane	6.80	63	102044	5.322 ug/L	99
38) Bromodichloromethane	7.11	83	125713	5.363 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	142863	5.474 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	825770	56.263 ug/L	100
42) Toluene	7.97	91	392755	5.626 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	132992	5.498 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	70173	5.381 ug/L	97
47) Tetrachloroethene	8.56	164	70102	5.420 ug/L	99
48) 2-Hexanone	8.69	43	629628	58.695 ug/L	99
49) Dibromochloromethane	8.81	129	83781	5.559 ug/L	95
50) 1,2-Dibromoethane	8.93	107	67878	5.349 ug/L	95
51) Chlorobenzene	9.45	112	242833	5.408 ug/L	96
52) Ethylbenzene	9.57	91	423599	5.492 ug/L	100
53) m,p-Xylene	9.69	106	160266	5.763 ug/L	99
54) o-Xylene	10.10	106	153695	5.736 ug/L	95
55) Styrene	10.11	104	268983	5.825 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	91686	5.305 ug/L	97
59) Bromoform	10.29	173	46938	5.544 ug/L	99
60) Isopropylbenzene	10.48	105	415222	5.702 ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	70793	5.250 ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	337214	5.718 ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	352078	5.901 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	201150	5.583 ug/L	97
65) 1,4-Dichlorobenzene	11.83	146	196624	5.289 ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	188385	5.506 ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	16880	5.334 ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	141699	5.577 ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	122643	5.984 ug/L	98
71) Naphthalene	14.08	128	228662	6.429 ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	113962	6.224 ug/L	99

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

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