Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040475.D
Acq On : 02 Oct 2020 21:21
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 03 00:20:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127599	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65215	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	34319	5.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.60%			
7) Chloroethane-d5	1.92	69	28049	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.58	63	84649	5.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.40%			
20) 2-Butanone-d5	4.66	46	132039	42.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.16%			
24) Chloroform-d	5.08	84	73544	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.72	65	43226	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.75	84	138140	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.80%			
36) 1,2-Dichloropropane-d6	6.70	67	46071	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.91	98	128639	5.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18832	5.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	8.64	63	93643	42.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.46%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38721	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47741	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	68511	5.354	ug/L	98
3) Chloromethane	1.53	50	62572	4.986	ug/L	100
5) Vinyl chloride	1.61	62	65943	5.346	ug/L	97
6) Bromomethane	1.87	94	29238	4.874	ug/L	100
8) Chloroethane	1.94	64	40784	5.579	ug/L	93
9) Trichlorofluoromethane	2.15	101	91362	5.370	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58745	5.407	ug/L	98
12) 1,1-Dichloroethene	2.59	96	54654	5.624	ug/L	99
13) Acetone	2.67	43	130449	49.889	ug/L	99
14) Carbon disulfide	2.81	76	158299	5.154	ug/L	98
15) Methyl Acetate	2.97	43	32470	5.156	ug/L	100
16) Methylene chloride	3.06	84	62585	5.127	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	145939	5.451	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	54885	5.462	ug/L	97
19) 1,1-Dichloroethane	3.89	63	114358	5.545	ug/L	96
21) 2-Butanone	4.74	43	220083	52.438	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	61000	5.488	ug/L	98

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Oct 03 00:20:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	29037	5.706	ug/L		96
25) Chloroform	5.11	83	119977	5.703	ug/L		97
27) 1,2-Dichloroethane	5.81	62	82158	5.640	ug/L		98
29) 1,1,1-Trichloroethane	5.33	97	97609	5.757	ug/L		98
30) Cyclohexane	5.40	56	97012	5.530	ug/L		99
31) Carbon tetrachloride	5.54	117	82750	5.692	ug/L		99
33) Benzene	5.79	78	243263	5.845	ug/L		100
34) Trichloroethene	6.56	95	61762	5.590	ug/L		96
35) Methylcyclohexane	6.77	83	90995	5.615	ug/L		99
37) 1,2-Dichloropropane	6.80	63	66523	5.740	ug/L		99
38) Bromodichloromethane	7.12	83	83755	5.853	ug/L		97
39) cis-1,3-Dichloropropene	7.62	75	87568	5.634	ug/L		94
40) 4-Methyl-2-pentanone	7.80	43	515362	56.784	ug/L		100
42) Toluene	7.98	91	255275	5.982	ug/L		100
44) trans-1,3-Dichloropropene	8.22	75	80105	5.590	ug/L		98
45) 1,1,2-Trichloroethane	8.41	97	47257	5.817	ug/L		98
47) Tetrachloroethene	8.56	164	43894	5.596	ug/L		97
48) 2-Hexanone	8.69	43	378777	56.638	ug/L		100
49) Dibromochloromethane	8.82	129	54392	5.755	ug/L		99
50) 1,2-Dibromoethane	8.93	107	44630	5.727	ug/L	#	94
51) Chlorobenzene	9.45	112	158454	5.743	ug/L		100
52) Ethylbenzene	9.57	91	269048	5.810	ug/L		99
53) m,p-Xylene	9.70	106	101407	5.878	ug/L		98
54) o-Xylene	10.10	106	95759	5.900	ug/L		99
55) Styrene	10.11	104	171257	6.050	ug/L		99
56) Isopropylbenzene	10.48	105	256791	5.864	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	59950	5.445	ug/L		97
59) 1,2,3-Trichloropropane	10.82	75	45215	5.382	ug/L		99
61) Bromoform	10.29	173	29766	5.523	ug/L		99
62) 1,3-Dichlorobenzene	11.74	146	125100	5.794	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	126542	5.635	ug/L		100
65) 1,2-Dichlorobenzene	12.21	146	116662	5.558	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9859	5.211	ug/L		91
67) 1,3,5-Trichlorobenzene	13.21	180	84325	5.471	ug/L		100
68) 1,2,4-trichlorobenzene	13.83	180	68423	5.525	ug/L		99
69) Naphthalene	14.08	128	114193	5.395	ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	64488	5.690	ug/L		100

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

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