Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041624.D
Acq On : 14 Dec 2020 20:36
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: Dec 15 00:50:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126984	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61918	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	45571	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.92	69	37665	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.58	63	92180	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.80%			
20) 2-Butanone-d5	4.66	46	149724	52.50	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.00%			
24) Chloroform-d	5.08	84	89498	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
26) 1,2-Dichloroethane-d4	5.72	65	50513	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.74	84	172883	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.70	67	53358	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.91	98	161295	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	8.18	79	24611	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.64	63	137059	46.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.44%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52029	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	58089	5.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	57791	5.372	ug/L	99
3) Chloromethane	1.53	50	50811	4.861	ug/L	97
5) Vinyl chloride	1.61	62	57297	4.965	ug/L	96
6) Bromomethane	1.87	94	40795	5.654	ug/L	98
8) Chloroethane	1.94	64	35140	4.483	ug/L	99
9) Trichlorofluoromethane	2.15	101	82089	5.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	47612	5.450	ug/L	97
12) 1,1-Dichloroethene	2.59	96	47053	5.462	ug/L	90
13) Acetone	2.67	43	96669	53.294	ug/L	55
14) Carbon disulfide	2.81	76	152330	5.117	ug/L	98
15) Methyl Acetate	2.97	43	21291	4.515	ug/L	91
16) Methylene chloride	3.06	84	57234	5.563	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	123339	5.366	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	48887	5.487	ug/L	92
19) 1,1-Dichloroethane	3.89	63	85794	5.152	ug/L	98
21) 2-Butanone	4.75	43	154941	52.442	ug/L #	66
22) cis-1,2-Dichloroethene	4.69	96	53421	5.425	ug/L	96

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Quant Time: Dec 15 00:50:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	27539	6.088	ug/L		88
25) Chloroform	5.11	83	90803	5.415	ug/L		94
27) 1,2-Dichloroethane	5.81	62	62275	5.484	ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	78451	5.139	ug/L		98
30) Cyclohexane	5.40	56	76451	4.468	ug/L		94
31) Carbon tetrachloride	5.54	117	67216	5.092	ug/L		99
33) Benzene	5.79	78	200188	4.709	ug/L		100
34) Trichloroethene	6.55	95	51501	4.821	ug/L		98
35) Methylcyclohexane	6.77	83	78504	4.546	ug/L		98
37) 1,2-Dichloropropane	6.80	63	50647	4.657	ug/L		100
38) Bromodichloromethane	7.11	83	63631	4.703	ug/L		98
39) cis-1,3-Dichloropropene	7.62	75	75713	4.699	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	380194	49.132	ug/L		98
42) Toluene	7.98	91	214044	4.876	ug/L		99
44) trans-1,3-Dichloropropene	8.21	75	70715	4.907	ug/L		95
45) 1,1,2-Trichloroethane	8.40	97	42648	5.303	ug/L		97
47) Tetrachloroethene	8.56	164	43206	5.777	ug/L		97
48) 2-Hexanone	8.69	43	262358	46.587	ug/L	#	95
49) Dibromochloromethane	8.81	129	51475	5.572	ug/L		99
50) 1,2-Dibromoethane	8.93	107	42656	5.362	ug/L		97
51) Chlorobenzene	9.45	112	141670	5.192	ug/L		94
52) Ethylbenzene	9.57	91	228295	4.884	ug/L		96
53) m,p-Xylene	9.69	106	90828	5.210	ug/L		99
54) o-Xylene	10.10	106	84538	4.951	ug/L		100
55) Styrene	10.11	104	147200	4.991	ug/L		95
56) Isopropylbenzene	10.48	105	220156	4.844	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.78	83	56295	5.031	ug/L		97
59) 1,2,3-Trichloropropane	10.82	75	41284	5.055	ug/L		99
61) Bromoform	10.29	173	28142	6.012	ug/L		96
62) 1,3-Dichlorobenzene	11.74	146	102374	5.406	ug/L		96
63) 1,4-Dichlorobenzene	11.83	146	102693	5.394	ug/L		100
65) 1,2-Dichlorobenzene	12.20	146	100923	5.442	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9587	5.513	ug/L	#	86
67) 1,3,5-Trichlorobenzene	13.21	180	73011	5.079	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	56923	4.719	ug/L		99
69) Naphthalene	14.07	128	116559	4.668	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	56594	4.922	ug/L		99

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

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