Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033020\
Data File : VU037490.D
Acq On : 31 Mar 2020 04:51
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Mar 31 06:48:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 04:01:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	100098	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	95555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47302	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	27803	3.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.20%			
7) Chloroethane-d5	1.93	69	23391	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.60%			
11) 1,1-Dichloroethene-d2	2.59	63	56149	3.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.80%			
20) 2-Butanone-d5	4.67	46	104954	52.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.22%			
24) Chloroform-d	5.11	84	60838	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
26) 1,2-Dichloroethane-d4	5.74	65	33252	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
32) Benzene-d6	5.76	84	111306	4.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.60%			
36) 1,2-Dichloropropane-d6	6.72	67	38898	4.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.20%			
41) Toluene-d8	7.92	98	97849	3.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.80%			
43) trans-1,3-Dichloropropene-	8.20	79	16422	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.66	63	84965	49.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.48%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34493	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
64) 1,2-Dichlorobenzene-d4	12.21	152	36728	3.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.80%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	35522	4.229	ug/L	97
3) Chloromethane	1.53	50	35370	4.751	ug/L	95
5) Vinyl chloride	1.62	62	38949	4.970	ug/L	98
6) Bromomethane	1.87	94	17841	4.040	ug/L	93
8) Chloroethane	1.95	64	21014	4.808	ug/L	93
9) Trichlorofluoromethane	2.16	101	53175	5.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	31242	4.888	ug/L	96
12) 1,1-Dichloroethene	2.60	96	31223	4.743	ug/L	92
13) Acetone	2.67	43	54280	46.906	ug/L	99
14) Carbon disulfide	2.82	76	103016	4.574	ug/L	99
15) Methyl Acetate	2.99	43	15971	4.940	ug/L	94
16) Methylene chloride	3.08	84	34533	4.694	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	87082	4.861	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	33647	4.887	ug/L	97
19) 1,1-Dichloroethane	3.91	63	61150	4.753	ug/L	98
21) 2-Butanone	4.75	43	102890	52.301	ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	35992	4.666	ug/L	98

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	15596	4.576 ug/L	96
25) Chloroform	5.13	83	62112	4.589 ug/L	100
27) 1,2-Dichloroethane	5.83	62	41049	4.540 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	55528	4.623 ug/L	100
30) Cyclohexane	5.43	56	59994	4.875 ug/L	97
31) Carbon tetrachloride	5.56	117	45614	4.399 ug/L	100
33) Benzene	5.81	78	138539	4.896 ug/L	100
34) Trichloroethene	6.57	95	36158	4.486 ug/L	94
35) Methylcyclohexane	6.79	83	59831	4.691 ug/L	99
37) 1,2-Dichloropropane	6.82	63	36879	5.041 ug/L	98
38) Bromodichloromethane	7.13	83	47051	4.703 ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	55496	4.652 ug/L	95
40) 4-Methyl-2-pentanone	7.82	43	253502	52.051 ug/L	98
42) Toluene	8.00	91	146176	4.793 ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	47883	4.490 ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	25872	4.729 ug/L	94
47) Tetrachloroethene	8.57	164	23807	4.288 ug/L	92
48) 2-Hexanone	8.71	43	184124	52.450 ug/L	98
49) Dibromochloromethane	8.83	129	31008	4.592 ug/L	99
50) 1,2-Dibromoethane	8.95	107	25756	4.850 ug/L #	99
51) Chlorobenzene	9.47	112	88910	4.220 ug/L	99
52) Ethylbenzene	9.59	91	166883	4.768 ug/L	100
53) m,p-Xylene	9.71	106	61053	4.617 ug/L	95
54) o-Xylene	10.12	106	60413	4.681 ug/L	97
55) Styrene	10.13	104	104336	4.731 ug/L	95
56) Isopropylbenzene	10.50	105	161941	4.710 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	33419	4.785 ug/L	94
59) 1,2,3-Trichloropropane	10.84	75	23930	4.703 ug/L	98
61) Bromoform	10.31	173	18154	4.618 ug/L #	95
62) 1,3-Dichlorobenzene	11.76	146	72696	4.779 ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	70197	4.322 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	66931	4.558 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	6860	5.310 ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	51748	4.387 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	48442	4.260 ug/L	99
69) Naphthalene	14.11	128	107409	4.866 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	43684	4.272 ug/L	99

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

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