Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071520\
Data File : VU039511.D
Acq On : 15 Jul 2020 19:47
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Jul 16 04:13:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 04:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	89501	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	91062	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45078	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	26345	5.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.60%			
7) Chloroethane-d5	1.93	69	31056	5.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 117.00%			
11) 1,1-Dichloroethene-d2	2.58	63	54225	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.20%			
20) 2-Butanone-d5	4.65	46	109461	46.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.24%			
24) Chloroform-d	5.09	84	55248	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.72	65	35019	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.75	84	109875	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.70	67	36265	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.91	98	99952	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	8.19	79	15293	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	8.64	63	85827	42.54	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.08%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	34723	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	41275	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	29530	5.444	ug/L	99
3) Chloromethane	1.53	50	32386	4.928	ug/L	97
5) Vinyl chloride	1.61	62	34290	4.699	ug/L	96
6) Bromomethane	1.87	94	21312	6.781	ug/L	92
8) Chloroethane	1.94	64	28120	5.333	ug/L	98
9) Trichlorofluoromethane	2.15	101	58154	4.589	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	26801	5.154	ug/L	98
12) 1,1-Dichloroethene	2.59	96	25427	4.777	ug/L	97
13) Acetone	2.66	43	59284	46.274	ug/L	99
14) Carbon disulfide	2.81	76	78143	4.167	ug/L	99
15) Methyl Acetate	2.97	43	15851	4.684	ug/L	95
16) Methylene chloride	3.06	84	37106	5.542	ug/L	93
17) Methyl tert-butyl Ether	3.39	73	78803	4.698	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	28208	4.787	ug/L	97
19) 1,1-Dichloroethane	3.89	63	56787	4.925	ug/L	98
21) 2-Butanone	4.73	43	106839	46.723	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	32256	4.882	ug/L	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	14304	4.765	ug/L	98
25) Chloroform	5.11	83	63487	5.453	ug/L	99
27) 1,2-Dichloroethane	5.81	62	43302	5.141	ug/L	100
29) 1,1,1-Trichloroethane	5.34	97	49955	4.658	ug/L	97
30) Cyclohexane	5.41	56	49570	4.390	ug/L	94
31) Carbon tetrachloride	5.54	117	41035	4.484	ug/L	98
33) Benzene	5.79	78	122171	4.487	ug/L	100
34) Trichloroethene	6.56	95	32187	4.573	ug/L	97
35) Methylcyclohexane	6.78	83	49368	4.378	ug/L	99
37) 1,2-Dichloropropane	6.81	63	33796	4.554	ug/L	100
38) Bromodichloromethane	7.12	83	42690	4.504	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	47883	4.268	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	275689	44.529	ug/L	98
42) Toluene	7.98	91	131119	4.498	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	44237	4.444	ug/L	92
45) 1,1,2-Trichloroethane	8.41	97	25160	4.720	ug/L	96
47) Tetrachloroethene	8.56	164	22457	4.587	ug/L	98
48) 2-Hexanone	8.69	43	206153	45.159	ug/L	98
49) Dibromochloromethane	8.82	129	29762	4.609	ug/L	97
50) 1,2-Dibromoethane	8.93	107	24334	4.493	ug/L	96
51) Chlorobenzene	9.45	112	85297	4.788	ug/L	99
52) Ethylbenzene	9.57	91	149135	4.629	ug/L	100
53) m,p-Xylene	9.70	106	55357	4.560	ug/L	98
54) o-Xylene	10.10	106	56180	4.754	ug/L	96
55) Styrene	10.11	104	92658	4.506	ug/L	96
56) Isopropylbenzene	10.48	105	149039	4.663	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	34549	4.656	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	25551	4.671	ug/L	99
61) Bromoform	10.29	173	17398	4.579	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	66238	4.689	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	66606	4.700	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	65474	4.624	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	5485	4.385	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	46612	4.410	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	39905	4.411	ug/L	93
69) Naphthalene	14.08	128	67367	3.701	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	35549	4.241	ug/L	97

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

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