Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039797.D
Acq On : 07 Aug 2020 20:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Aug 08 03:35:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	77567	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39978	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	15922	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%			
7) Chloroethane-d5	1.92	69	18663	4.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.40%			
11) 1,1-Dichloroethene-d2	2.58	63	35396	4.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.00%			
20) 2-Butanone-d5	4.65	46	91997	49.94	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.88%			
24) Chloroform-d	5.08	84	48053	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.72	65	27887	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.75	84	78938	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.70	67	27543	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.91	98	65279	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.80%			
43) trans-1,3-Dichloropropene-	8.19	79	10163	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.64	63	64884	50.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.58%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27921	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31127	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	29757	4.757	ug/L	97
3) Chloromethane	1.53	50	30909	4.699	ug/L	97
5) Vinyl chloride	1.61	62	32116	5.092	ug/L	98
6) Bromomethane	1.86	94	15999	4.009	ug/L	99
8) Chloroethane	1.94	64	22109	4.781	ug/L	99
9) Trichlorofluoromethane	2.15	101	50235	5.122	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27622	5.190	ug/L	97
12) 1,1-Dichloroethene	2.59	96	23451	5.068	ug/L	92
13) Acetone	2.66	43	45833	42.202	ug/L	94
14) Carbon disulfide	2.81	76	70770	4.892	ug/L	97
15) Methyl Acetate	2.97	43	11914	4.448	ug/L #	76
16) Methylene chloride	3.06	84	29117	3.903	ug/L	92
17) Methyl tert-butyl Ether	3.38	73	59891	4.875	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	25757	5.000	ug/L	93
19) 1,1-Dichloroethane	3.89	63	47925	5.039	ug/L	95
21) 2-Butanone	4.73	43	80065	46.780	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	28484	5.084	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	13088	4.973	ug/L	90
25) Chloroform	5.11	83	51867	5.074	ug/L	95
27) 1,2-Dichloroethane	5.81	62	34278	4.865	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	42795	5.077	ug/L	99
30) Cyclohexane	5.40	56	41464	5.112	ug/L	95
31) Carbon tetrachloride	5.54	117	39528	5.111	ug/L	99
33) Benzene	5.79	78	104418	5.072	ug/L	100
34) Trichloroethene	6.55	95	27261	5.098	ug/L	95
35) Methylcyclohexane	6.77	83	40971	4.801	ug/L	95
37) 1,2-Dichloropropane	6.80	63	27079	4.952	ug/L	99
38) Bromodichloromethane	7.12	83	35134	4.911	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	35282	4.731	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	192130	47.017	ug/L	99
42) Toluene	7.98	91	111756	5.165	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	30558	4.548	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	20501	4.984	ug/L	91
47) Tetrachloroethene	8.56	164	21126	4.790	ug/L	95
48) 2-Hexanone	8.69	43	140342	47.560	ug/L	98
49) Dibromochloromethane	8.82	129	24194	4.793	ug/L	95
50) 1,2-Dibromoethane	8.93	107	19572	4.853	ug/L	97
51) Chlorobenzene	9.45	112	71221	4.899	ug/L	96
52) Ethylbenzene	9.57	91	116332	4.804	ug/L	100
53) m,p-Xylene	9.69	106	46394	5.031	ug/L	95
54) o-Xylene	10.10	106	43317	4.797	ug/L	90
55) Styrene	10.11	104	77419	5.092	ug/L	97
56) Isopropylbenzene	10.48	105	115963	4.805	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	25830	4.565	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	18488	4.687	ug/L	92
61) Bromoform	10.29	173	12855	4.759	ug/L	91
62) 1,3-Dichlorobenzene	11.74	146	57755	4.936	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	59328	4.810	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	56010	4.859	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	3953	4.536	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	42087	4.746	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	35106	4.724	ug/L	96
69) Naphthalene	14.08	128	60755	4.573	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	32357	4.853	ug/L	99

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

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