Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121819\
Data File : VU036277.D
Acq On : 18 Dec 2019 16:57
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Dec 19 00:54:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 19 00:50:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	271037	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	284159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152213	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	132276	5.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.80%			
7) Chloroethane-d5	1.93	69	111749	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.60	63	171999	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.00%			
20) 2-Butanone-d5	4.69	46	199121	44.53	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.06%			
24) Chloroform-d	5.11	84	183002	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.75	65	91524	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.77	84	349860	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.73	67	105468	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%			
41) Toluene-d8	7.93	98	332928	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	8.21	79	43661	4.72	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.40%			
46) 2-Hexanone-d5	8.67	63	172154	48.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.24%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	94881	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	124928	4.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	138922	4.592	ug/L	99
3) Chloromethane	1.54	50	151508	3.992	ug/L	100
5) Vinyl chloride	1.62	62	162068	4.500	ug/L	96
6) Bromomethane	1.88	94	103578	5.756	ug/L	96
8) Chloroethane	1.95	64	99919	4.646	ug/L	97
9) Trichlorofluoromethane	2.16	101	217858	4.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	103854	4.776	ug/L	99
12) 1,1-Dichloroethene	2.61	96	93303	4.640	ug/L	92
13) Acetone	2.68	43	165210	42.395	ug/L	96
14) Carbon disulfide	2.82	76	304292	4.510	ug/L	98
15) Methyl Acetate	3.00	43	38318	4.867	ug/L	98
16) Methylene chloride	3.08	84	135495	4.584	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	199549	4.631	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	99005	4.701	ug/L	97
19) 1,1-Dichloroethane	3.92	63	185399	4.769	ug/L	99
21) 2-Butanone	4.77	43	245302	47.107	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	105992	4.692	ug/L	100

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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	52403	4.795	ug/L	97
25) Chloroform	5.14	83	201197	4.784	ug/L	96
27) 1,2-Dichloroethane	5.84	62	126815	5.084	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	171069	4.890	ug/L	100
30) Cyclohexane	5.43	56	135560	4.555	ug/L	97
31) Carbon tetrachloride	5.57	117	154218	4.835	ug/L	99
33) Benzene	5.82	78	419906	4.808	ug/L	100
34) Trichloroethene	6.58	95	105343	4.679	ug/L	98
35) Methylcyclohexane	6.80	83	146094	4.564	ug/L	98
37) 1,2-Dichloropropane	6.83	63	106365	4.774	ug/L	98
38) Bromodichloromethane	7.14	83	143314	4.942	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	135738	4.472	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	588687	50.514	ug/L	99
42) Toluene	8.00	91	458663	4.900	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	124878	4.898	ug/L	93
45) 1,1,2-Trichloroethane	8.43	97	82237	4.926	ug/L	93
47) Tetrachloroethene	8.58	164	97050	4.773	ug/L	97
48) 2-Hexanone	8.73	43	447764	51.484	ug/L	99
49) Dibromochloromethane	8.84	129	103980	5.039	ug/L	100
50) 1,2-Dibromoethane	8.96	107	77042	4.838	ug/L	97
51) Chlorobenzene	9.47	112	285580	4.620	ug/L	99
52) Ethylbenzene	9.60	91	433513	4.611	ug/L	99
53) m,p-Xylene	9.72	106	173204	4.781	ug/L	97
54) o-Xylene	10.13	106	164997	4.723	ug/L	94
55) Styrene	10.14	104	293865	4.753	ug/L	97
56) Isopropylbenzene	10.51	105	425294	4.740	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	106123	4.993	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	74821	5.053	ug/L	98
61) Bromoform	10.32	173	63885	4.835	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	236469	4.605	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	236336	4.640	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	221316	4.523	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	15678	4.824	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	174593	4.537	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	114913	4.546	ug/L	98
69) Naphthalene	14.10	128	134973	4.197	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	112378	4.597	ug/L	100

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

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