Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102819\
Data File : VU035533.D
Acq On : 28 Oct 2019 13:30
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Oct 30 03:21:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 04:18:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225426	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	139928	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	119611	3.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.80%			
7) Chloroethane-d5	1.93	69	102419	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.59	63	204567	4.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.20%			
20) 2-Butanone-d5	4.71	46	303476	51.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.28%			
24) Chloroform-d	5.11	84	202435	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.75	65	103772	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.77	84	388249	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.73	67	130090	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.93	98	347451	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	8.21	79	51627	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	8.68	63	231980	56.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.40%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108942	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	128121	4.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	139980	4.596	ug/L	99
3) Chloromethane	1.53	50	160487	4.510	ug/L	100
5) Vinyl chloride	1.62	62	162965	4.624	ug/L	98
6) Bromomethane	1.87	94	83593	4.558	ug/L	97
8) Chloroethane	1.95	64	94599	4.551	ug/L	97
9) Trichlorofluoromethane	2.16	101	188304	4.611	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	106329	4.622	ug/L	98
12) 1,1-Dichloroethene	2.61	96	102253	4.767	ug/L	89
13) Acetone	2.69	43	212712	47.197	ug/L	98
14) Carbon disulfide	2.82	76	342564	4.513	ug/L	100
15) Methyl Acetate	3.00	43	49292	4.771	ug/L	99
16) Methylene chloride	3.08	84	124095	4.466	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	246880	4.759	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	110686	4.743	ug/L	100
19) 1,1-Dichloroethane	3.92	63	216333	4.698	ug/L	99
21) 2-Butanone	4.79	43	318115	48.649	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	119081	4.783	ug/L	99

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	52786	4.585 ug/L	97
25) Chloroform	5.14	83	214261	4.387 ug/L	100
27) 1,2-Dichloroethane	5.84	62	133092	4.618 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	176757	4.958 ug/L	98
30) Cyclohexane	5.43	56	179698	4.933 ug/L	98
31) Carbon tetrachloride	5.56	117	155128	4.876 ug/L	99
33) Benzene	5.82	78	474879	5.025 ug/L	100
34) Trichloroethene	6.58	95	117768	5.073 ug/L	99
35) Methylcyclohexane	6.80	83	182801	5.088 ug/L	98
37) 1,2-Dichloropropane	6.83	63	124438	4.984 ug/L	99
38) Bromodichloromethane	7.14	83	151467	4.890 ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	172851	4.974 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	750422	50.762 ug/L	99
42) Toluene	8.00	91	489747	5.078 ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	141891	5.162 ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	84076	4.849 ug/L	98
47) Tetrachloroethene	8.58	164	94797	4.973 ug/L	99
48) 2-Hexanone	8.73	43	555216	55.846 ug/L	99
49) Dibromochloromethane	8.84	129	99503	4.904 ug/L	99
50) 1,2-Dibromoethane	8.96	107	79273	4.919 ug/L	99
51) Chlorobenzene	9.48	112	301915	4.967 ug/L	97
52) Ethylbenzene	9.60	91	507944	5.041 ug/L	100
53) m,p-Xylene	9.72	106	196873	5.351 ug/L	100
54) o-Xylene	10.13	106	185477	5.174 ug/L	99
55) Styrene	10.14	104	314610	5.374 ug/L	100
56) Isopropylbenzene	10.51	105	489590	5.230 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	109701	4.838 ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	77737	4.858 ug/L	97
61) Bromoform	10.32	173	57671	4.243 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	232852	4.873 ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	226831	4.770 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	213933	4.660 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	14212	4.612 ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	152278	5.159 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	85335	5.199 ug/L	97
69) Naphthalene	14.11	128	92757	4.139 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	83557	5.110 ug/L	99

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

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