Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042519\
Data File : VU031504.D
Acq On : 25 Apr 2019 16:30
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Apr 26 01:37:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	296600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295949	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122377	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	103789	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.68	69	86831	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.27	63	217166	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.20%			
20) 2-Butanone-d5	4.21	46	347256	54.55	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.10%			
24) Chloroform-d	4.64	84	204454	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.60%			
26) 1,2-Dichloroethane-d4	5.31	65	109004	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.80%			
32) Benzene-d6	5.33	84	365020	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.33	67	127867	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.56	98	314914	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	7.85	79	45053	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
46) 2-Hexanone-d5	8.31	63	220985	43.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106225	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	103955	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	145751	5.727	ug/L	100
3) Chloromethane	1.32	50	177520	5.662	ug/L	97
5) Vinyl chloride	1.40	62	171592	5.544	ug/L	95
6) Bromomethane	1.63	94	83055	5.226	ug/L	98
8) Chloroethane	1.70	64	94792	5.411	ug/L	98
9) Trichlorofluoromethane	1.88	101	204818	5.746	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	112282	5.447	ug/L	97
12) 1,1-Dichloroethene	2.28	96	106480	5.166	ug/L	93
13) Acetone	2.35	43	263323	58.210	ug/L	99
14) Carbon disulfide	2.47	76	361704	5.278	ug/L	100
15) Methyl Acetate	2.62	43	66685	5.339	ug/L	98
16) Methylene chloride	2.69	84	123666	5.306	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	308546	5.303	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	115862	5.339	ug/L	93
19) 1,1-Dichloroethane	3.44	63	242731	5.879	ug/L	99
21) 2-Butanone	4.29	43	395329	57.477	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	116980	5.209	ug/L	87

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Apr 26 01:37:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 01:33:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	53293	5.518	ug/L	93
25) Chloroform	4.67	83	227788	5.948	ug/L	99
27) 1,2-Dichloroethane	5.40	62	149750	5.950	ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	188936	5.581	ug/L	99
30) Cyclohexane	4.99	56	188319	4.621	ug/L	100
31) Carbon tetrachloride	5.13	117	160593	5.514	ug/L	97
33) Benzene	5.38	78	479069	5.239	ug/L	100
34) Trichloroethene	6.18	95	121931	5.059	ug/L	97
35) Methylcyclohexane	6.41	83	162503	4.557	ug/L	94
37) 1,2-Dichloropropane	6.43	63	132592	5.410	ug/L	100
38) Bromodichloromethane	6.75	83	161167	5.620	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	166637	4.892	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	882247	52.609	ug/L	96
42) Toluene	7.63	91	495718	5.400	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	135473	5.141	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	88109	5.276	ug/L	93
47) Tetrachloroethene	8.22	164	86389	5.130	ug/L	96
48) 2-Hexanone	8.36	43	680536	57.853	ug/L	95
49) Dibromochloromethane	8.47	129	100064	5.347	ug/L	93
50) 1,2-Dibromoethane	8.58	107	82200	5.127	ug/L	96
51) Chlorobenzene	9.12	112	289877	5.206	ug/L	97
52) Ethylbenzene	9.25	91	469791	4.807	ug/L	98
53) m,p-Xylene	9.37	106	173447	4.984	ug/L	96
54) o-Xylene	9.78	106	168063	4.891	ug/L	99
55) Styrene	9.79	104	298792	5.257	ug/L	98
56) Isopropylbenzene	10.16	105	442275	4.872	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	111528	5.248	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	84100	5.447	ug/L	97
61) Bromoform	9.95	173	53577	5.565	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	190407	5.255	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	192913	5.112	ug/L	94
65) 1,2-Dichlorobenzene	11.87	146	191455	5.329	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	16038	5.337	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	144616	5.254	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	104414	4.815	ug/L	99
69) Naphthalene	13.74	128	177429	4.186	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	107791	5.037	ug/L	99

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

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