Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100218\
Data File : VV008042.D
Acq On : 02 Oct 2018 21:40
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00567

Quant Time: Oct 03 05:37:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 05:34:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	92048	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89897	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48860	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22736	4.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%			
7) Chloroethane-d5	1.59	69	20487	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.14	63	50472	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	3.97	46	71330	48.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.12%			
24) Chloroform-d	4.41	84	56751	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.09	65	29549	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.10	84	106310	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.13	67	33339	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.36	98	106093	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	7.67	79	12113	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.14	63	55189	47.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.46%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25280	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	43582	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	38291	4.960	ug/L	97
3) Chloromethane	1.25	50	33675	4.902	ug/L	98
5) Vinyl chloride	1.32	62	36790	5.003	ug/L	95
6) Bromomethane	1.54	94	20992	4.628	ug/L	99
8) Chloroethane	1.60	64	22827	5.147	ug/L	98
9) Trichlorofluoromethane	1.77	101	60555	5.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34289	5.036	ug/L	98
12) 1,1-Dichloroethene	2.14	96	30122	4.951	ug/L	95
13) Acetone	2.22	43	51061	47.217	ug/L	99
14) Carbon disulfide	2.32	76	73918	4.482	ug/L	100
15) Methyl Acetate	2.47	43	13415	4.851	ug/L	99
16) Methylene chloride	2.54	84	33574	4.966	ug/L	94
17) Methyl tert-butyl Ether	2.81	73	76303	5.076	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	32771	4.886	ug/L	98
19) 1,1-Dichloroethane	3.23	63	60261	5.266	ug/L	99
21) 2-Butanone	4.06	43	87664	50.881	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	35841	5.278	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 03 05:34:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	16659	5.641 ug/L	96
25) Chloroform	4.43	83	66211	5.350 ug/L	99
27) 1,2-Dichloroethane	5.19	62	40402	5.072 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	57862	5.353 ug/L	100
30) Cyclohexane	4.72	56	48501	4.773 ug/L	99
31) Carbon tetrachloride	4.88	117	51677	5.423 ug/L	98
33) Benzene	5.15	78	137805	5.353 ug/L	100
34) Trichloroethene	5.96	95	37204	5.047 ug/L	93
35) Methylcyclohexane	6.18	83	52761	4.774 ug/L	99
37) 1,2-Dichloropropane	6.23	63	36157	5.498 ug/L	100
38) Bromodichloromethane	6.56	83	43675	5.554 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	44976	5.113 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	216379	52.423 ug/L	99
42) Toluene	7.43	91	152278	5.432 ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	38501	5.265 ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	25306	5.332 ug/L	97
47) Tetrachloroethene	8.02	164	35199	5.153 ug/L	99
48) 2-Hexanone	8.19	43	154718	53.895 ug/L	99
49) Dibromochloromethane	8.30	129	30073	5.551 ug/L	97
50) 1,2-Dibromoethane	8.40	107	23607	5.442 ug/L	99
51) Chlorobenzene	8.93	112	101947	5.265 ug/L	99
52) Ethylbenzene	9.06	91	163319	5.222 ug/L	100
53) m,p-xylene	9.19	106	62773	5.271 ug/L	96
54) o-xylene	9.59	106	60299	5.242 ug/L	100
55) Styrene	9.61	104	105283	5.360 ug/L	98
56) Isopropylbenzene	9.98	105	164849	5.292 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	29950	5.373 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	21817	5.332 ug/L	99
61) Bromoform	9.78	173	16463	5.610 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	83269	5.162 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	85401	5.092 ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	81782	5.378 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4224	5.453 ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	71224	5.157 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	56197	4.814 ug/L	100
69) Naphthalene	13.56	128	74151	4.541 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	53199	5.032 ug/L	98

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

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