Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
Data File : VR025893.D
Acq On : 28 Sep 2018 2:03
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId :

Quant Time: Sep 28 07:33:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 05:44:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	501726	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	423957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	159546	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.15	65	190791	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	2.63	69	155487	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	3.62	63	441452	4.75	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.00%			
20) 2-Butanone-d5	6.59	46	223449	50.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.32%			
24) Chloroform-d	7.20	84	331459	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	7.89	65	144257	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	7.85	84	657014	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	8.90	67	178857	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	9.97	98	608970	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
43) trans-1,3-Dichloropropene-	10.24	79	38711	4.49	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.80%			
46) 2-Hexanone-d5	10.59	63	167467	50.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.76%			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76130	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	13.52	152	118396	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.84	85	135303	4.437	ug/L	99
3) Chloromethane	2.01	50	205256	4.733	ug/L	99
5) Vinyl chloride	2.17	62	204975	4.749	ug/L	95
6) Bromomethane	2.52	94	127036	4.714	ug/L	98
8) Chloroethane	2.66	64	125918	5.127	ug/L	94
9) Trichlorofluoromethane	2.93	101	299014m	4.989	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	173782	4.744	ug/L	93
12) 1,1-Dichloroethene	3.63	96	193141m	5.100	ug/L	
13) Acetone	3.70	43	143680	44.943	ug/L	97
14) Carbon disulfide	3.94	76	451481	4.924	ug/L	100
15) Methyl Acetate	4.20	43	39949	4.507	ug/L	99
16) Methylene chloride	4.40	84	170604	4.899	ug/L	94
17) Methyl tert-butyl Ether	4.89	73	204652	4.880	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	155435	4.962	ug/L	91
19) 1,1-Dichloroethane	5.69	63	298561	4.814	ug/L	98
21) 2-Butanone	6.69	43	208202	47.349	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	151750	4.815	ug/L #	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 05:44:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.06	128	43197	5.052 ug/L	77
25) Chloroform	7.23	83	291001	4.819 ug/L	100
27) 1,2-Dichloroethane	7.99	62	146364	4.857 ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	230580	4.836 ug/L	97
30) Cyclohexane	7.51	56	289459	4.859 ug/L	98
31) Carbon tetrachloride	7.63	117	204995	4.965 ug/L	100
33) Benzene	7.91	78	684630	4.815 ug/L	100
34) Trichloroethene	8.71	95	172740	4.610 ug/L	96
35) Methylcyclohexane	8.95	83	272821	4.843 ug/L	99
37) 1,2-Dichloropropane	8.99	63	149607	4.904 ug/L	98
38) Bromodichloromethane	9.28	83	158071	4.803 ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	158105	4.622 ug/L	96
40) 4-Methyl-2-pentanone	9.87	43	536374	50.003 ug/L	98
42) Toluene	10.03	91	718629	4.863 ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	104326	4.672 ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	63039	4.569 ug/L	97
47) Tetrachloroethene	10.51	164	110262	4.776 ug/L	92
48) 2-Hexanone	10.63	43	348399	49.608 ug/L	99
49) Dibromochloromethane	10.79	129	67496	4.820 ug/L	96
50) 1,2-Dibromoethane	10.89	107	54680	5.022 ug/L	93
51) Chlorobenzene	11.32	112	379863	4.847 ug/L	98
52) Ethylbenzene	11.39	91	839451	4.977 ug/L	98
53) m,p-Xylene	11.50	106	297972	4.963 ug/L	90
54) o-Xylene	11.83	106	278003	4.974 ug/L	99
55) Styrene	11.84	104	435238	5.004 ug/L	91
56) Isopropylbenzene	12.13	105	783997	5.086 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	64612	4.860 ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	48890	4.941 ug/L	97
61) Bromoform	12.01	173	20462	4.242 ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	220473	4.728 ug/L	93
63) 1,4-Dichlorobenzene	13.24	146	220298	4.618 ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	172205	4.596 ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	6174	3.919 ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	126977	4.571 ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	80274	4.534 ug/L	98
69) Naphthalene	15.00	128	107860	4.773 ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	57024	4.642 ug/L	99

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

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