Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101518\
Data File : VR026075.D
Acq On : 15 Oct 2018 15:32
Operator : SY/MD
Sample : VSTD02085
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : VSTD02085

Manual Integrations APPROVED
MMDadoda
10/16/2018 3:12:54 PM

Quant Time: Oct 15 16:26:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 15 15:02:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	725079	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	643464	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	254607	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.17	65	1084933	18.97	ug/L		0.01
7) Chloroethane-d5	2.63	69	932901	19.96	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.63	63	2686465	20.01	ug/L		0.01
20) 2-Butanone-d5	6.59	46	1114214	174.80	ug/L		0.00
24) Chloroform-d	7.20	84	1997831	20.07	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	831205	19.42	ug/L		0.00
32) Benzene-d6	7.85	84	4063895	18.98	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	1035230	17.94	ug/L		0.00
41) Toluene-d8	9.97	98	4073730	20.25	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	304101	23.23	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	956606	191.49	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	401772	17.16	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	815228	19.99	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	919873	20.871	ug/L		98
3) Chloromethane	2.02	50	1347725	21.506	ug/L		98
5) Vinyl chloride	2.17	62	1313841	21.064	ug/L		98
6) Bromomethane	2.53	94	847485	21.761	ug/L		90
8) Chloroethane	2.66	64	812494	22.894	ug/L		98
9) Trichlorofluoromethane	2.94	101	1990160m	22.979	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	1146346	21.653	ug/L		99
12) 1,1-Dichloroethene	3.63	96	1215138	22.201	ug/L		86
13) Acetone	3.70	43	934245	202.212	ug/L		98
14) Carbon disulfide	3.94	76	3560057	26.868	ug/L		99
15) Methyl Acetate	4.19	43	253670	19.802	ug/L		98
16) Methylene chloride	4.40	84	1054141	20.944	ug/L		98
17) Methyl tert-butyl Ether	4.90	73	1389821	22.930	ug/L		97
18) trans-1,2-Dichloroethene	4.89	96	1100006	24.299	ug/L		97
19) 1,1-Dichloroethane	5.69	63	1927085	21.501	ug/L		97
21) 2-Butanone	6.69	43	1294343	203.683	ug/L		99
22) cis-1,2-Dichloroethene	6.67	96	1065291	23.387	ug/L	#	99
23) Bromochloromethane	7.05	128	277751	22.478	ug/L		97
25) Chloroform	7.23	83	1956772	22.420	ug/L		97
27) 1,2-Dichloroethane	7.99	62	910053	20.896	ug/L		99
29) 1,1,1-Trichloroethane	7.43	97	1714205	23.690	ug/L		97
30) Cyclohexane	7.52	56	1813207	20.055	ug/L		99
31) Carbon tetrachloride	7.64	117	1548457	24.711	ug/L		97
33) Benzene	7.91	78	4760838	22.059	ug/L		100
34) Trichloroethene	8.71	95	1224760	21.537	ug/L		98
35) Methylcyclohexane	8.95	83	1931151	22.585	ug/L		100
37) 1,2-Dichloropropane	9.00	63	979048	21.145	ug/L		99
38) Bromodichloromethane	9.28	83	1122325	22.467	ug/L		97
39) cis-1,3-Dichloropropene	9.72	75	1281954	24.694	ug/L		99
40) 4-Methyl-2-pentanone	9.87	43	3293593	202.302	ug/L		97

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	5143301	22.934	ug/L		95
44) trans-1,3-Dichloropropene	10.26	75	921495	27.187	ug/L		95
45) 1,1,2-Trichloroethane	10.45	97	422008	20.150	ug/L		98
47) Tetrachloroethene	10.51	164	924990	26.397	ug/L		98
48) 2-Hexanone	10.63	43	2149354	201.640	ug/L		98
49) Dibromochloromethane	10.79	129	551889	25.967	ug/L		96
50) 1,2-Dibromoethane	10.89	107	373982	22.632	ug/L	#	87
51) Chlorobenzene	11.32	112	2776216	23.338	ug/L		99
52) Ethylbenzene	11.39	91	5727907	22.377	ug/L		86
53) m,p-Xylene	11.50	106	2298464	25.223	ug/L		95
54) o-Xylene	11.83	106	2244163	26.456	ug/L		86
55) Styrene	11.84	104	3397623	25.735	ug/L		99
56) Isopropylbenzene	12.13	105	5572668	23.819	ug/L		97
58) 1,1,2,2-Tetrachloroethane	12.39	83	391568	19.405	ug/L		100
59) 1,2,3-Trichloropropane	12.43	75	290602	19.350	ug/L		100
61) Bromoform	12.01	173	205224	26.663	ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	1730945	23.261	ug/L		96
63) 1,4-Dichlorobenzene	13.24	146	1681422	22.088	ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	1365992	22.847	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.14	75	43562	17.328	ug/L	#	90
67) 1,3,5-Trichlorobenzene	14.29	180	1068142	24.097	ug/L		98
68) 1,2,4-trichlorobenzene	14.78	180	640693	22.675	ug/L		99
69) Naphthalene	15.00	128	704271	19.530	ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	432833	22.079	ug/L		99

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

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