Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
Data File : VR025873.D
Acq On : 27 Sep 2018 13:02
Operator : SY/MD
Sample : VSTD00189
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 27 15:20:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 15:06:01 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
ClientSampleId :
VSTD00189

Manual Integrations APPROVED
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10/1/2018 11:53:51 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	508029	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.29	117	418188	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	148377	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.15	65	44778	1.23	ug/L		0.00
7) Chloroethane-d5	2.63	69	37554	1.31	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.64	63	106252	1.21	ug/L		0.00
20) 2-Butanone-d5	6.59	46	47126	9.72	ug/L		0.00
24) Chloroform-d	7.20	84	76435	1.00	ug/L		0.00
26) 1,2-Dichloroethane-d4	7.90	65	32201	0.98	ug/L		0.00
32) Benzene-d6	7.85	84	152023	0.98	ug/L		0.00
36) 1,2-Dichloropropane-d6	8.90	67	40647	0.96	ug/L		0.00
41) Toluene-d8	9.97	98	138073	0.99	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.24	79	8106	0.69	ug/L		0.00
46) 2-Hexanone-d5	10.59	63	34130	8.72	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	15521	0.96	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	23812	0.94	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	32039	0.605	ug/L		89
3) Chloromethane	2.01	50	49083	0.852	ug/L		98
5) Vinyl chloride	2.17	62	51535	0.945	ug/L		91
6) Bromomethane	2.53	94	32739	1.056	ug/L		88
8) Chloroethane	2.66	64	28685	0.925	ug/L		96
9) Trichlorofluoromethane	2.94	101	64646m	0.955	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	41162	0.999	ug/L		98
12) 1,1-Dichloroethene	3.64	96	42244	0.964	ug/L		74
13) Acetone	3.70	43	36762	11.488	ug/L		92
14) Carbon disulfide	3.95	76	95428	0.774	ug/L		97
15) Methyl Acetate	4.19	43	9673	0.942	ug/L		90
16) Methylene chloride	4.40	84	42107	1.069	ug/L		88
17) Methyl tert-butyl Ether	4.89	73	45788	0.597	ug/L	#	88
18) trans-1,2-Dichloroethene	4.88	96	34289	0.692	ug/L		83
19) 1,1-Dichloroethane	5.69	63	70122	0.692	ug/L		95
21) 2-Butanone	6.69	43	46990	7.046	ug/L		97
22) cis-1,2-Dichloroethene	6.67	96	32998	0.661	ug/L	#	89
23) Bromochloromethane	7.06	128	9223	0.701	ug/L		90
25) Chloroform	7.23	83	69242	0.743	ug/L		96
27) 1,2-Dichloroethane	7.99	62	34014	0.706	ug/L		98
29) 1,1,1-Trichloroethane	7.43	97	48835	0.578	ug/L		97
30) Cyclohexane	7.53	56	60291	0.599	ug/L		97
31) Carbon tetrachloride	7.64	117	40662	0.585	ug/L		95
33) Benzene	7.90	78	153393	0.699	ug/L		100
34) Trichloroethene	8.71	95	40768	0.700	ug/L		90
35) Methylcyclohexane	8.96	83	55995	0.586	ug/L		96
37) 1,2-Dichloropropane	9.00	63	32813	0.670	ug/L	#	96
38) Bromodichloromethane	9.28	83	32786	0.607	ug/L	#	90
39) cis-1,3-Dichloropropene	9.72	75	32731	0.546	ug/L		97
40) 4-Methyl-2-pentanone	9.87	43	111147	6.522	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.04	91	154698	0.691	ug/L		97
44) trans-1,3-Dichloropropene	10.26	75	19933	0.480	ug/L	#	82
45) 1,1,2-Trichloroethane	10.45	97	16220	0.790	ug/L		91
47) Tetrachloroethene	10.51	164	24137	0.724	ug/L		93
48) 2-Hexanone	10.63	43	72383	6.459	ug/L		98
49) Dibromochloromethane	10.79	129	12877	0.602	ug/L		77
50) 1,2-Dibromoethane	10.89	107	10531	0.583	ug/L	#	60
51) Chlorobenzene	11.32	112	81985	0.698	ug/L		95
52) Ethylbenzene	11.39	91	176650	0.686	ug/L		99
53) m,p-Xylene	11.50	106	59922	0.646	ug/L		95
54) o-Xylene	11.83	106	55055	0.648	ug/L		92
55) Styrene	11.84	104	87922	0.668	ug/L		98
56) Isopropylbenzene	12.13	105	157514	0.662	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.39	83	15580	0.774	ug/L	#	91
59) 1,2,3-Trichloropropane	12.43	75	10926	0.683	ug/L		97
61) Bromoform	12.01	173	3828	0.553	ug/L	#	90
62) 1,3-Dichlorobenzene	13.16	146	43928	0.640	ug/L		92
63) 1,4-Dichlorobenzene	13.24	146	45647	0.689	ug/L		92
65) 1,2-Dichlorobenzene	13.53	146	35817	0.685	ug/L		91
66) 1,2-Dibromo-3-chloropropan	14.13	75	1761	0.737	ug/L	#	80
67) 1,3,5-Trichlorobenzene	14.29	180	25841	0.667	ug/L		97
68) 1,2,4-trichlorobenzene	14.78	180	16495	0.669	ug/L		98
69) Naphthalene	15.00	128	20127	0.561	ug/L		97
70) 1,2,3-Trichlorobenzene	15.18	180	12207	0.697	ug/L		96

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

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