Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072718\
Data File : VX003720.D
Acq On : 27 Jul 2018 17:29
Operator : JC/SP
Sample : J4086-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1513

Quant Time: Jul 30 09:25:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.02	128	23421	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	111975	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	96701	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	49589	28.84	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.13%				
60) 4-Bromofluorobenzene	11.14	95	47467	30.49	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 101.63%				
63) Toluene-d8	8.72	98	134340	30.84	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.80%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	63133	37.919	ug/l		100
4) Vinyl Chloride	1.40	62	61483	35.113	ug/l		99
5) Bromomethane	1.64	94	77850	74.383	ug/l		100
6) Chloroethane	1.73	64	97356	84.941	ug/l		97
7) Trichlorofluoromethane	1.93	101	151051	64.136	ug/l		99
19) trans-1,2-Dichloroethene	3.16	96	64782	44.632	ug/l		99
21) 1,1-Dichloroethane	3.70	63	190824	66.052	ug/l		100
22) cis-1,2-Dichloroethene	4.60	96	178176	121.562	ug/l	#	64
24) Methyl tert-Butyl Ether	3.21	73	109643	22.768	ug/l		92
25) Chloroform	5.21	83	88350	35.312	ug/l		99
32) 1,1,1-Trichloroethane	5.49	97	35444	18.735	ug/l		98
36) 1,2-Dichloroethane	6.20	62	252451	138.252	ug/l		97
37) Trichloroethene	7.21	130	37293	28.164	ug/l		99
39) 1,2-Dichloropropane	7.52	63	119032	88.661	ug/l		97
41) Bromodichloromethane	7.90	83	151920	91.524	ug/l		99
48) t-1,3-Dichloropropene	8.44	75	207703	103.121	ug/l		98
49) cis-1,3-Dichloropropene	9.04	75	109824	58.114	ug/l		95
53) Dibromochloromethane	9.59	129	104194	76.912	ug/l		99
54) 1,2-Dibromoethane	9.68	107	92697	64.270	ug/l		99
56) Bromoform	10.86	173	16939	16.112	ug/l		99
58) 4-Methyl-2-Pentanone	8.65	43	229698	125.799	ug/l		95
62) Toluene	8.79	91	220388	43.910	ug/l		98
64) Chlorobenzene	10.14	112	354561	109.314	ug/l		99
66) Ethyl Benzene	10.26	91	206197	37.333	ug/l		100
67) m/p-Xylenes	10.36	106	180110	84.664	ug/l		100
68) o-Xylene	10.70	106	186010	91.397	ug/l		99
72) 1,2,3-Trichloropropane	11.30	75	138553	83.266	ug/l		93
80) 1,2,4-Trimethylbenzene	11.81	105	189140	38.870	ug/l		99
84) 1,4-Dichlorobenzene	12.10	146	274841	98.987	ug/l		100
87) 1,2-Dichlorobenzene	12.40	146	202777	73.246	ug/l		99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	7601	18.003	ug/l		99
89) 1,2,4-Trichlorobenzene	13.65	180	193985	99.794	ug/l		100
91) Naphthalene	13.83	128	693469	116.730	ug/l		100

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

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