Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Data File : VN051913.D
Acq On : 18 Oct 2018 13:48
Operator : MD\SY
Sample : J5580-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Quant Time: Oct 19 07:00:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : 2-AVE-23

Manual Integrations APPROVED
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10/19/2018 4:37:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	212	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1399209	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1132539	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	4613	357.60	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 1192.00%#			
60) 4-Bromofluorobenzene	12.39	95	1607	0.10	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 0.33%#			
63) Toluene-d8	10.09	98	7277	0.15	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 0.50%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	168	20.40	ug/l #	42
3) Chloromethane	2.06	50	1382	158.77	ug/l	99
4) Vinyl Chloride	2.18	62	795	61.16	ug/l #	31
5) Bromomethane	2.57	94	2317	201.73	ug/l	82
6) Chloroethane	2.71	64	287	30.64	ug/l #	51
7) Trichlorofluoromethane	3.02	101	331	17.86	ug/l #	16
10) 1,1-Dichloroethene	3.73	96	150	15.37	ug/l #	9
11) Methyl Iodide	3.95	142	417	29.39	ug/l #	44
12) Methyl Acetate	4.33	43	335	55.27	ug/l	97
13) Acrolein	3.62	56	175	438.22	ug/l #	36
14) Acrylonitrile	5.00	53	161	59.43	ug/l #	1
15) Acetone	3.82	58	837	1249.91	ug/l #	25
16) Carbon Disulfide	4.06	76	3216	125.46	ug/l #	76
17) Allyl chloride	4.32	41	353	30.46	ug/l #	46
18) Methylene Chloride	4.55	84	291	26.66	ug/l #	20
19) trans-1,2-Dichloroethene	5.05	96	658	59.04	ug/l #	58
20) Diisopropyl ether	5.97	45	111	4.30	ug/l #	25
22) cis-1,2-Dichloroethene	6.83	96	36826	2813.10	ug/l #	72
23) tert-Butyl Alcohol	4.79	59	99	138.76	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	67	2.38	ug/l #	80
25) Chloroform	7.38	83	3992	186.59	ug/l	85
26) Cyclohexane	7.66	56	6691	437.65	ug/l #	1
37) Trichloroethene	8.84	130	14460	0.87	ug/l	95
45) 1,4-Dioxane	8.83	88	106	0.81	ug/l #	1
58) 4-Methyl-2-Pentanone	9.99	43	1576	0.21	ug/l #	85
59) 2-Hexanone	10.75	43	1056	0.21	ug/l #	50
61) Tetrachloroethene	10.63	164	69429	4.79	ug/l	97
77) t-1,4-Dichloro-2-butene	12.40	75	2100	0.62	ug/l #	12
89) 1,2,4-Trichlorobenzene	15.31	180	4785	7.99	ug/l	88
91) Naphthalene	15.14	128	10347	8.80	ug/l	97
92) 1,2,3-Trichlorobenzene	15.31	180	4785	0.38	ug/l	85

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

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