Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092818\
Data File : VN051622.D
Acq On : 28 Sep 2018 18:23
Operator : MD\SY
Sample : J4870-02DL 2X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WPDL

Manual Integrations APPROVED
MMDadoda
10/3/2018 5:27:46 PM

Quant Time: Sep 29 05:21:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.20	128	71419	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	381039	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	340812	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	148021	29.77	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.23%				
60) 4-Bromofluorobenzene	12.40	95	142415	27.17	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 90.57%				
63) Toluene-d8	10.09	98	460272	28.62	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 95.40%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	4003	0.571	ug/l		90
4) Vinyl Chloride	2.19	62	184053	26.750	ug/l		95
5) Bromomethane	2.57	94	156837	43.883	ug/l		98
6) Chloroethane	2.71	64	74294	21.524	ug/l		97
11) Methyl Iodide	3.95	142	5773m	1.040	ug/l		
15) Acetone	3.82	58	19343	48.402	ug/l		95
18) Methylene Chloride	4.55	84	63875	12.884	ug/l		94
19) trans-1,2-Dichloroethene	5.05	96	47098	10.289	ug/l		89
21) 1,1-Dichloroethane	5.85	63	203497	22.436	ug/l		99
24) Methyl tert-Butyl Ether	5.06	73	519458	45.833	ug/l		100
25) Chloroform	7.37	83	210513	24.274	ug/l		99
30) 2-Butanone	6.84	43	117006	66.166	ug/l	#	95
32) 1,1,1-Trichloroethane	7.57	97	60478	8.284	ug/l		98
34) Benzene	8.04	78	680075	35.279	ug/l	#	95
37) Trichloroethene	8.84	130	174540	35.266	ug/l		93
39) 1,2-Dichloropropane	9.12	63	190635	36.091	ug/l		98
40) Dibromomethane	9.21	93	161304	54.974	ug/l		91
49) cis-1,3-Dichloropropene	9.84	75	334488	44.755	ug/l		100
53) Dibromochloromethane	10.90	129	169324	35.853	ug/l		99
54) 1,2-Dibromoethane	11.01	107	190468	47.871	ug/l		99
56) Bromoform	12.13	173	150777	48.114	ug/l		98
58) 4-Methyl-2-Pentanone	9.99	43	204538	52.860	ug/l		97
59) 2-Hexanone	10.75	43	127860	50.228	ug/l		99
61) Tetrachloroethene	10.63	164	129694	26.878	ug/l		98
62) Toluene	10.16	91	485552	23.235	ug/l		99
64) Chlorobenzene	11.44	112	259114	20.507	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.51	131	337996	70.055	ug/l		98
66) Ethyl Benzene	11.51	91	159513	7.458	ug/l		96
67) m/p-Xylenes	11.62	106	148736	18.044	ug/l		97
68) o-Xylene	11.95	106	291450	37.039	ug/l		97
69) Styrene	11.97	104	685190	55.478	ug/l		95
71) 1,1,2,2-Tetrachloroethane	12.50	83	295379	58.167	ug/l		99
72) 1,2,3-Trichloropropane	12.55	75	252827	58.233	ug/l		1
76) 1,3,5-Trimethylbenzene	12.73	105	423405	24.141	ug/l		100
80) 1,2,4-Trimethylbenzene	13.04	105	705207	40.257	ug/l		100
83) 1,3-Dichlorobenzene	13.28	146	504219	55.398	ug/l		99
84) 1,4-Dichlorobenzene	13.36	146	362691	42.392	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
85) n-Butylbenzene	13.62	91	3166	0.215 ug/l	89
86) Hexachloroethane	13.87	117	3211	0.895 ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	267647	30.060 ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	27844	37.620 ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	258823	62.107 ug/l	97
90) Hexachlorobutadiene	15.01	225	336155	98.943 ug/l	97
91) Naphthalene	15.13	128	522454	50.937 ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	6601	1.575 ug/l	96

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

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