Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092818\
Data File : VN051620.D
Acq On : 28 Sep 2018 17:34
Operator : MD\SY
Sample : J4870-02DL 2X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PT-VOA-WPDL

Manual Integrations APPROVED
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10/3/2018 5:27:43 PM

Quant Time: Sep 29 05:11:23 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	7.19	128	75984	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	8.59	114	550430	30.00	ug/l		0.00
57) Chlorobenzene-d5	11.41	117	484597	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.03	65	221802	41.92	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 139.73%				
60) 4-Bromofluorobenzene	12.40	95	211965	28.45	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.83%				
63) Toluene-d8	10.09	98	694604	30.38	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.27%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	4902	0.657	ug/l		97
4) Vinyl Chloride	2.18	62	221249	30.224	ug/l		97
5) Bromomethane	2.57	94	166525	43.794	ug/l		97
6) Chloroethane	2.70	64	79184	21.562	ug/l		98
11) Methyl Iodide	3.96	142	5464	0.925	ug/l		87
12) Methyl Acetate	4.33	43	3205m	0.792	ug/l		
15) Acetone	3.82	58	20819	48.965	ug/l		87
18) Methylene Chloride	4.55	84	65079	12.338	ug/l		92
19) trans-1,2-Dichloroethene	5.05	96	48525	9.963	ug/l		93
21) 1,1-Dichloroethane	5.85	63	212474	22.019	ug/l		100
24) Methyl tert-Butyl Ether	5.05	73	544203	45.132	ug/l		100
25) Chloroform	7.37	83	229325	24.855	ug/l		97
30) 2-Butanone	6.84	43	140472	54.990	ug/l	#	95
32) 1,1,1-Trichloroethane	7.57	97	66154	6.273	ug/l		96
34) Benzene	8.04	78	1070170	38.431	ug/l		95
37) Trichloroethene	8.84	130	239647	33.520	ug/l		100
39) 1,2-Dichloropropane	9.12	63	327242	42.888	ug/l		98
40) Dibromomethane	9.21	93	248643	58.662	ug/l		98
49) cis-1,3-Dichloropropene	9.84	75	522905	48.434	ug/l		100
53) Dibromochloromethane	10.90	129	216522	31.738	ug/l		100
54) 1,2-Dibromoethane	11.01	107	261622	45.518	ug/l		100
56) Bromoform	12.13	173	197295	43.583	ug/l		100
58) 4-Methyl-2-Pentanone	9.99	43	385400	70.048	ug/l		98
59) 2-Hexanone	10.75	43	209836	57.973	ug/l		98
61) Tetrachloroethene	10.63	164	167111	24.357	ug/l		98
62) Toluene	10.16	91	716901	24.127	ug/l		99
64) Chlorobenzene	11.43	112	358807	19.972	ug/l		100
65) 1,1,1,2-Tetrachloroethane	11.51	131	449796	65.566	ug/l		100
66) Ethyl Benzene	11.51	91	218022	7.169	ug/l		100
67) m/p-Xylenes	11.62	106	203287	17.345	ug/l		99
68) o-Xylene	11.95	106	418973	37.447	ug/l		97
69) Styrene	11.96	104	991750	56.474	ug/l		96
71) 1,1,2,2-Tetrachloroethane	12.51	83	484540	67.105	ug/l		98
72) 1,2,3-Trichloropropane	12.56	75	403788	65.408	ug/l		1
76) 1,3,5-Trimethylbenzene	12.73	105	572106	22.941	ug/l		100
80) 1,2,4-Trimethylbenzene	13.04	105	958779	38.492	ug/l		100
83) 1,3-Dichlorobenzene	13.28	146	687713	53.139	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,4-Dichlorobenzene	13.36	146	486380	39.981	ug/l	99
86) Hexachloroethane	13.87	117	3768	0.739	ug/l	94
87) 1,2-Dichlorobenzene	13.65	146	346178	27.344	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	40105	38.108	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	324480	54.760	ug/l	97
90) Hexachlorobutadiene	15.01	225	413275	85.550	ug/l	98
91) Naphthalene	15.13	128	724637	49.890	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	8953	1.502	ug/l	92

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

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