Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062819\
Data File : BE100236.D
Acq On : 28 Jun 2019 16:02
Operator : JU/SJ
Sample : K2241-07
Misc : LOD-W-0.1PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
mohammad
7/1/2019 3:06:47 PM

Quant Time: Jun 29 00:22:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	453	0.40	ng		0.01
7) Naphthalene-d8	10.46	136	1548	0.40	ng		0.01
13) Acenaphthene-d10	14.33	164	1270	0.40	ng		0.01
19) Phenanthrene-d10	17.07	188	3963	0.40	ng		0.01
27) Chrysene-d12	21.24	240	5897	0.40	ng		0.00
34) Perylene-d12	23.67	264	7320	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	435	0.38	ng		0.00
5) Phenol-d6	6.87	99	464	0.31	ng		0.03
8) Nitrobenzene-d5	8.85	82	538	0.35	ng		0.03
11) 2-Methylnaphthalene-d10	12.06	152	1154	0.40	ng		0.01
14) 2,4,6-Tribromophenol	15.84	330	305	0.34	ng		0.01
15) 2-Fluorobiphenyl	12.96	172	2001	0.40	ng		0.01
25) Fluoranthene-d10	19.10	212	23363	0.41	ng		0.00
29) Terphenyl-d14	19.70	244	4916	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	102	0.145	ng	#	82
3) n-Nitrosodimethylamine	3.47	42	26m	0.079	ng		
6) bis(2-Chloroethyl)ether	7.12	93	97	0.078	ng	#	1
9) Naphthalene	10.51	128	2167	0.127	ng	#	87
10) Hexachlorobutadiene	10.76	225	204	0.124	ng		93
12) 2-Methylnaphthalene	12.15	142	335	0.112	ng		92
16) Acenaphthylene	14.05	152	807	0.132	ng		97
17) Acenaphthene	14.38	154	420	0.122	ng		93
18) Fluorene	15.38	166	660	0.129	ng		95
20) 4-Bromophenyl-phenylether	16.28	248	304	0.120	ng	#	89
21) Hexachlorobenzene	16.37	284	323	0.123	ng		99
22) Pentachlorophenol	16.80	266	143	0.181	ng	#	82
23) Phenanthrene	17.11	178	1145	0.119	ng		98
24) Anthracene	17.21	178	949	0.110	ng		97
26) Fluoranthene	19.13	202	1933	0.126	ng		100
28) Pyrene	19.49	202	1933	0.124	ng		98
30) Benzo(a)anthracene	21.23	228	2252	0.116	ng		98
31) Chrysene	21.28	228	2541	0.131	ng		95
32) Bis(2-ethylhexyl)phthalate	21.15	149	3451	0.068	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.23	276	3261	0.127	ng	#	78
35) Benzo(b)fluoranthene	22.93	252	2544	0.128	ng	#	78
36) Benzo(k)fluoranthene	22.97	252	2833	0.128	ng	#	85
37) Benzo(a)pyrene	23.56	252	2668	0.134	ng	#	51
38) Dibenzo(a,h)anthracene	26.25	278	2419	0.116	ng	#	85
39) Benzo(g,h,i)perylene	27.01	276	2740	0.128	ng	#	92

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

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