Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002733.D
Acq On : 13 Jul 2020 13:31
Operator : CG/JU
Sample : L3216-07
Misc : LOD-MDL-WTR-4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/14/2020 12:02:27 PM

Quant Time: Jul 13 14:08:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	152917	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	627109	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	401155	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	876551	20.00	ng		0.00
76) Chrysene-d12	21.07	240	881553	20.00	ng		0.00
86) Perylene-d12	23.26	264	869113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1286331	141.93	ng		0.00
7) Phenol-d6	6.75	99	1755656	135.73	ng		0.00
23) Nitrobenzene-d5	8.70	82	873579	74.50	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	622047	148.55	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	1962873	75.69	ng		0.00
79) Terphenyl-d14	19.55	244	2377787	61.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	17070	4.320	ng		98
3) Pyridine	3.52	79	33056	2.807	ng	#	94
4) n-Nitrosodimethylamine	3.44	42	14862	3.350	ng	#	89
6) Aniline	6.89	93	59198	3.615	ng		98
8) 2-Chlorophenol	7.13	128	37950	3.763	ng		99
9) Benzaldehyde	6.70	77	35374	5.033	ng		97
10) Phenol	6.78	94	49042	3.701	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	40329	3.659	ng		97
12) 1,3-Dichlorobenzene	7.45	146	41787	3.614	ng		98
13) 1,4-Dichlorobenzene	7.59	146	43304	3.732	ng		97
14) 1,2-Dichlorobenzene	7.90	146	41174	3.679	ng		97
15) Benzyl Alcohol	7.80	79	23624	2.729	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	55706	3.514	ng		98
17) 2-Methylphenol	8.02	107	29837	3.161	ng		97
18) Hexachloroethane	8.62	117	14513	3.531	ng		94
19) n-Nitroso-di-n-propylamine	8.36	70	27482	3.489	ng		97
20) 3+4-Methylphenols	8.35	107	37389	2.995	ng	#	86
22) Acetophenone	8.37	105	58833	3.806	ng		97
24) Nitrobenzene	8.74	77	46810	3.686	ng		99
25) Isophorone	9.26	82	74522	3.118	ng		98
26) 2-Nitrophenol	9.46	139	14387	2.623	ng		90
27) 2,4-Dimethylphenol	9.54	122	29201	3.279	ng		98
28) bis(2-Chloroethoxy)methane	9.76	93	50299	3.465	ng		99
29) 2,4-Dichlorophenol	10.02	162	28520	2.905	ng		98
30) 1,2,4-Trichlorobenzene	10.20	180	40194	3.575	ng		99
31) Naphthalene	10.38	128	121735	3.677	ng		99
32) Benzoic acid	9.75	122	3416m	7.485	ng		
33) 4-Chloroaniline	10.50	127	44355	3.126	ng		99
34) Hexachlorobutadiene	10.67	225	21438	3.299	ng		95
35) Caprolactam	11.25	113	8151	2.375	ng		92
36) 4-Chloro-3-methylphenol	11.66	107	30992	2.929	ng		95
37) 2-Methylnaphthalene	12.00	142	85086	3.642	ng		99
38) 1-Methylnaphthalene	12.22	142	80769	3.655	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	44776	3.632	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	3818	8.068	ng		98
43) 2,4,6-Trichlorophenol	12.64	196	20421	2.588	ng		97
44) 2,4,5-Trichlorophenol	12.73	196	22590	2.468	ng		93
46) 1,1'-Biphenyl	13.03	154	119380	3.992	ng		100
47) 2-Chloronaphthalene	13.06	162	85614	3.524	ng		96
48) 2-Nitroaniline	13.29	65	17199	2.291	ng		90
49) Acenaphthylene	13.92	152	131558	3.436	ng		99
50) Dimethylphthalate	13.67	163	103237	3.374	ng		99
51) 2,6-Dinitrotoluene	13.78	165	17096	2.610	ng	#	84
52) Acenaphthene	14.26	154	82244	3.594	ng		99
53) 3-Nitroaniline	14.13	138	16512	2.253	ng	#	96
54) 2,4-Dinitrophenol	14.33	184	13	11.377	ng	#	1
55) Dibenzofuran	14.60	168	135851	3.701	ng		97
56) 4-Nitrophenol	14.53	139	4172	5.638	ng		99
57) 2,4-Dinitrotoluene	14.59	165	19722	2.286	ng	#	72
58) Fluorene	15.26	166	102973	3.791	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.85	232	18941	2.625	ng		96
60) Diethylphthalate	15.05	149	96792	3.263	ng		98
61) 4-Chlorophenyl-phenylether	15.26	204	54215	3.757	ng		99
62) 4-Nitroaniline	15.30	138	14634m	3.222	ng		
63) Azobenzene	15.56	77	98788	3.239	ng		98
65) 4,6-Dinitro-2-methylphenol	15.37	198	4737	6.071	ng		90
66) n-Nitrosodiphenylamine	15.48	169	88288	3.410	ng		99
67) 4-Bromophenyl-phenylether	16.16	248	30137	3.156	ng		96
68) Hexachlorobenzene	16.27	284	34564	3.436	ng		94
69) Atrazine	16.45	200	25123	3.554	ng		97
70) Pentachlorophenol	16.65	266	2784	7.960	ng		93
71) Phenanthrene	17.00	178	175689	3.702	ng		99
72) Anthracene	17.10	178	164302	3.528	ng		98
73) Carbazole	17.38	167	145166	3.176	ng		98
74) Di-n-butylphthalate	17.95	149	133860	2.701	ng		99
75) Fluoranthene	18.99	202	189687	3.449	ng		98
77) Benzidine	19.19	184	52978	2.425	ng	#	95
78) Pyrene	19.35	202	203059	3.336	ng		98
80) Butylbenzylphthalate	20.24	149	55092	2.294	ng		95
81) Benzo(a)anthracene	21.06	228	195216	3.421	ng		98
82) 3,3'-Dichlorobenzidine	21.00	252	55401	2.931	ng		100
83) Chrysene	21.10	228	195717	3.603	ng		99
84) Bis(2-ethylhexyl)phthalate	21.01	149	87476	2.619	ng		100
85) Di-n-octyl phthalate	21.86	149	141109	2.350	ng		96
87) Indeno(1,2,3-cd)pyrene	25.45	276	214045	3.407	ng		97
88) Benzo(b)fluoranthene	22.60	252	184456	3.418	ng		99
89) Benzo(k)fluoranthene	22.65	252	192235	3.616	ng		99
90) Benzo(a)pyrene	23.16	252	167132	3.268	ng		98
91) Dibenzo(a,h)anthracene	25.47	278	177878	3.511	ng		96
92) Benzo(g,h,i)perylene	26.13	276	176559	3.437	ng		100

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

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