Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003189.D
Acq On : 02 Sep 2020 16:29
Operator : CG/JU
Sample : L3825-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2MSD

Manual Integrations APPROVED
mohammad
9/3/2020 1:48:31 PM

Quant Time: Sep 02 17:40:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	224305	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	951516	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	593102	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1222891	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1244719	20.00	ng		0.00
86) Perylene-d12	23.38	264	1357639	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1293618	101.97	ng		0.00
7) Phenol-d6	6.85	99	1575901	99.09	ng		0.01
23) Nitrobenzene-d5	8.80	82	958272	72.60	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	823463	102.66	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	2620479	64.70	ng		0.00
79) Terphenyl-d14	19.63	244	3555844	62.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	140399	28.947	ng		98
3) Pyridine	3.58	79	361237	28.300	ng		99
4) n-Nitrosodimethylamine	3.50	42	135627	40.689	ng		96
6) Aniline	6.99	93	399684	23.083	ng		99
8) 2-Chlorophenol	7.23	128	602016	42.564	ng		100
9) Benzaldehyde	6.80	77	311795	42.052	ng		99
10) Phenol	6.87	94	637622	43.263	ng		99
11) bis(2-Chloroethyl)ether	7.09	93	469236	40.225	ng		99
12) 1,3-Dichlorobenzene	7.55	146	662435	38.519	ng		98
13) 1,4-Dichlorobenzene	7.69	146	673452	38.790	ng		99
14) 1,2-Dichlorobenzene	8.00	146	652690	39.654	ng		100
15) Benzyl Alcohol	7.89	79	406467	45.361	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	397499	40.210	ng		99
17) 2-Methylphenol	8.10	107	455101	43.345	ng		99
18) Hexachloroethane	8.73	117	200031	35.218	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	304788	42.418	ng		99
20) 3+4-Methylphenols	8.43	107	609902	43.113	ng		99
22) Acetophenone	8.47	105	769629	36.320	ng	#	99
24) Nitrobenzene	8.85	77	504417	38.909	ng		99
25) Isophorone	9.37	82	940866	40.401	ng		100
26) 2-Nitrophenol	9.55	139	328616	42.529	ng		99
27) 2,4-Dimethylphenol	9.63	122	528576	45.505	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	627187	36.159	ng		99
29) 2,4-Dichlorophenol	10.09	162	592645	41.124	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	637313	37.142	ng		99
31) Naphthalene	10.48	128	1870978	38.272	ng		100
32) Benzoic acid	9.75	122	174900	24.813	ng		99
33) 4-Chloroaniline	10.59	127	383770	18.789	ng		99
34) Hexachlorobutadiene	10.78	225	376395	36.551	ng		99
35) Caprolactam	11.36	113	172841m	39.911	ng		
36) 4-Chloro-3-methylphenol	11.74	107	571781	42.494	ng		98
37) 2-Methylnaphthalene	12.10	142	1368454	39.131	ng		100
38) 1-Methylnaphthalene	12.33	142	1271598	38.256	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	690784	39.296	ng		99

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Quant Time: Sep 02 17:40:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	101282	12.188 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	473902	40.999 ng	100
44) 2,4,5-Trichlorophenol	12.80	196	519938	42.526 ng	97
46) 1,1'-Biphenyl	13.13	154	1722301	38.714 ng	99
47) 2-Chloronaphthalene	13.16	162	1352580	37.143 ng	100
48) 2-Nitroaniline	13.37	65	284363	41.706 ng	99
49) Acenaphthylene	14.02	152	2165248	39.322 ng	99
50) Dimethylphthalate	13.76	163	1884875	41.674 ng	100
51) 2,6-Dinitrotoluene	13.87	165	377884	40.200 ng	99
52) Acenaphthene	14.36	154	1286947	38.043 ng	99
53) 3-Nitroaniline	14.20	138	236179	22.176 ng	99
54) 2,4-Dinitrophenol	14.42	184	101114	25.537 ng	98
55) Dibenzofuran	14.70	168	2024982	38.115 ng	98
56) 4-Nitrophenol	14.53	139	697735	91.064 ng	97
57) 2,4-Dinitrotoluene	14.67	165	510808	40.415 ng	98
58) Fluorene	15.35	166	1589287	38.834 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	447289	40.435 ng	99
60) Diethylphthalate	15.14	149	1638744	36.930 ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	775669	36.701 ng	99
62) 4-Nitroaniline	15.37	138	310092	28.325 ng	98
63) Azobenzene	15.64	77	1173433	39.844 ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	108756	18.596 ng	99
66) n-Nitrosodiphenylamine	15.57	169	1435185	40.136 ng	99
67) 4-Bromophenyl-phenylether	16.24	248	513153	38.021 ng	95
68) Hexachlorobenzene	16.37	284	614487	38.242 ng	97
69) Atrazine	16.53	200	383012	31.758 ng	99
70) Pentachlorophenol	16.71	266	745857	97.068 ng	100
71) Phenanthrene	17.09	178	2527241	38.139 ng	98
72) Anthracene	17.19	178	2599199	40.985 ng	99
73) Carbazole	17.46	167	2410675	39.608 ng	99
74) Di-n-butylphthalate	18.03	149	2822067	39.443 ng	99
75) Fluoranthene	19.07	202	3161010	41.274 ng	99
77) Benzidine	19.25	184	1054480	37.067 ng	99
78) Pyrene	19.43	202	3224849	39.919 ng	99
80) Butylbenzylphthalate	20.31	149	1464933	44.042 ng	97
81) Benzo(a)anthracene	21.13	228	3042015	39.016 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	1059062	36.928 ng	99
83) Chrysene	21.19	228	2868975	38.432 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2152276	44.806 ng	99
85) Di-n-octyl phthalate	21.94	149	3792815	46.053 ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	3702736	36.572 ng	100
88) Benzo(b)fluoranthene	22.71	252	3251364	38.532 ng	99
89) Benzo(k)fluoranthene	22.76	252	2936562	36.424 ng	99
90) Benzo(a)pyrene	23.29	252	2858479	36.515 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3048022	36.648 ng	100
92) Benzo(g,h,i)perylene	26.36	276	3168224	37.958 ng	99

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

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