Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002607.D
Acq On : 01 Jul 2020 16:49
Operator : CG/JU
Sample : L3160-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUMMS

Manual Integrations APPROVED
mohammad
7/7/2020 8:23:10 AM

Quant Time: Jul 02 07:43:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	273003	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1036172	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	589044	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1137035	20.00	ng	0.00
76) Chrysene-d12	21.09	240	867961	20.00	ng	0.00
86) Perylene-d12	23.28	264	745865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1944201	120.58	ng	0.00
7) Phenol-d6	6.77	99	2546045	113.13	ng	0.00
23) Nitrobenzene-d5	8.72	82	1622820	80.70	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	716768	100.05	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3016687	75.38	ng	0.00
79) Terphenyl-d14	19.57	244	3583865	89.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	310339	44.906	ng	99
3) Pyridine	3.52	79	896896	43.789	ng	99
4) n-Nitrosodimethylamine	3.45	42	403024	46.354	ng	88
6) Aniline	6.90	93	1064962	37.668	ng	98
8) 2-Chlorophenol	7.15	128	882072	49.247	ng	97
9) Benzaldehyde	6.72	77	370568	29.755	ng	98
10) Phenol	6.80	94	1150706	50.702	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	889190	47.736	ng	99
12) 1,3-Dichlorobenzene	7.46	146	937685	45.368	ng	99
13) 1,4-Dichlorobenzene	7.60	146	948902	45.065	ng	100
14) 1,2-Dichlorobenzene	7.92	146	882185	43.525	ng	99
15) Benzyl Alcohol	7.82	79	757240	44.779	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1218419	46.947	ng	99
17) 2-Methylphenol	8.03	107	720242	42.398	ng	98
18) Hexachloroethane	8.64	117	351897	46.305	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	618193	41.866	ng	97
20) 3+4-Methylphenols	8.36	107	968547	42.290	ng	98
22) Acetophenone	8.39	105	1171316	44.662	ng	98
24) Nitrobenzene	8.76	77	983086	46.185	ng	100
25) Isophorone	9.28	82	1772363	43.973	ng	98
26) 2-Nitrophenol	9.46	139	477850	49.223	ng	97
27) 2,4-Dimethylphenol	9.55	122	748930	50.913	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	1125066	48.593	ng	99
29) 2,4-Dichlorophenol	10.00	162	796677	46.993	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	848294	44.446	ng	98
31) Naphthalene	10.39	128	3423502	62.413	ng	99
32) Benzoic acid	9.73	122	448056	40.452	ng	96
33) 4-Chloroaniline	10.50	127	375625	15.655	ng	99
34) Hexachlorobutadiene	10.69	225	487219	41.706	ng	98
35) Caprolactam	11.28	113	250836m	44.016	ng	
36) 4-Chloro-3-methylphenol	11.66	107	819266	44.091	ng	99
37) 2-Methylnaphthalene	12.02	142	1755721	43.899	ng	99
38) 1-Methylnaphthalene	12.24	142	1637887	43.483	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	811146	44.101	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	919383	94.892	ng	97
43) 2,4,6-Trichlorophenol	12.65	196	588236	47.266	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	626169	43.707	ng	98
46) 1,1'-Biphenyl	13.05	154	2005346	45.006	ng	99
47) 2-Chloronaphthalene	13.08	162	1598420	44.070	ng	97
48) 2-Nitroaniline	13.29	65	523429	45.236	ng	95
49) Acenaphthylene	13.94	152	2513827	44.039	ng	98
50) Dimethylphthalate	13.69	163	2325731	50.270	ng	100
51) 2,6-Dinitrotoluene	13.80	165	443919	44.428	ng	93
52) Acenaphthene	14.29	154	1486120	44.127	ng	100
53) 3-Nitroaniline	14.13	138	236798	21.765	ng	98
54) 2,4-Dinitrophenol	14.35	184	488862	78.599	ng	94
55) Dibenzofuran	14.63	168	2307925	42.287	ng	99
56) 4-Nitrophenol	14.47	139	713837	83.020	ng	97
57) 2,4-Dinitrotoluene	14.60	165	578630	43.049	ng	99
58) Fluorene	15.28	166	1634326	39.318	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	518339	44.788	ng	98
60) Diethylphthalate	15.07	149	1834753	39.882	ng	100
61) 4-Chlorophenyl-phenylether	15.28	204	835206	37.468	ng	97
62) 4-Nitroaniline	15.30	138	423006	38.901	ng	92
63) Azobenzene	15.57	77	1953912	43.925	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	338909	46.405	ng	97
66) n-Nitrosodiphenylamine	15.50	169	1568645	47.259	ng	100
67) 4-Bromophenyl-phenylether	16.17	248	569664	44.584	ng	97
68) Hexachlorobenzene	16.29	284	621614	45.411	ng	97
69) Atrazine	16.46	200	505946	47.504	ng	100
70) Pentachlorophenol	16.65	266	690603	88.004	ng	99
71) Phenanthrene	17.02	178	2714561	44.372	ng	99
72) Anthracene	17.12	178	2774752	45.579	ng	99
73) Carbazole	17.39	167	2520156	42.835	ng	99
74) Di-n-butylphthalate	17.97	149	2973227	42.910	ng	99
75) Fluoranthene	19.01	202	3081705	41.616	ng	97
78) Pyrene	19.36	202	3054165	51.696	ng	99
80) Butylbenzylphthalate	20.25	149	1247713	48.375	ng	98
81) Benzo(a)anthracene	21.07	228	2560491	45.123	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	554348	26.684	ng	94
83) Chrysene	21.12	228	2450619	45.037	ng	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	1703127	45.985	ng	100
85) Di-n-octyl phthalate	21.89	149	2753112	42.086	ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	2595489	48.330	ng	97
88) Benzo(b)fluoranthene	22.63	252	2362242	49.634	ng	98
89) Benzo(k)fluoranthene	22.67	252	2319811m	52.249	ng	
90) Benzo(a)pyrene	23.19	252	2107936	48.265	ng	98
91) Dibenzo(a,h)anthracene	25.50	278	2119465	48.298	ng	98
92) Benzo(g,h,i)perylene	26.17	276	2225626	50.712	ng	98

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

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