Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081320\
Data File : BP002966.D
Acq On : 13 Aug 2020 15:13
Operator : CG/JU
Sample : L3653-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-STOCKMSD

Manual Integrations APPROVED
Sohil
8/14/2020 2:54:48 PM

Quant Time: Aug 13 16:40:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	492716	20.00	ng	-0.01
21) Naphthalene-d8	10.48	136	1987540	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	1143324	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	2233201	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	2010862	20.00	ng	0.00
86) Perylene-d12	23.43	264	2374296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2814150	87.41	ng	0.00
7) Phenol-d6	6.88	99	3396143	75.98	ng	0.00
23) Nitrobenzene-d5	8.84	82	1955660	53.29	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1339452	94.26	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	5227601	62.47	ng	-0.01
79) Terphenyl-d14	19.66	244	5888931	58.63	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	368438	26.661	ng	98
3) Pyridine	3.62	79	1006862	26.151	ng	99
4) n-Nitrosodimethylamine	3.53	42	333517	29.489	ng	99
6) Aniline	7.02	93	1691341	32.616	ng	100
8) 2-Chlorophenol	7.26	128	1520482	44.296	ng	98
9) Benzaldehyde	6.83	77	729974	30.674	ng	97
10) Phenol	6.90	94	1668905	37.075	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	1219892	35.233	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1604056	41.404	ng	99
13) 1,4-Dichlorobenzene	7.73	146	1631194	41.655	ng	99
14) 1,2-Dichlorobenzene	8.04	146	1575847	42.197	ng	100
15) Benzyl Alcohol	7.93	79	976361	33.107	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1023859	31.476	ng	99
17) 2-Methylphenol	8.13	107	1155055	40.155	ng	99
18) Hexachloroethane	8.77	117	543798	39.813	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	748292	29.056	ng	99
20) 3+4-Methylphenols	8.46	107	1541042	39.751	ng	100
22) Acetophenone	8.50	105	1882513	33.570	ng	100
24) Nitrobenzene	8.88	77	1219012	30.598	ng	98
25) Isophorone	9.41	82	2333520	29.600	ng	98
26) 2-Nitrophenol	9.59	139	775505	46.764	ng	98
27) 2,4-Dimethylphenol	9.66	122	1317434	41.964	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1586343	36.067	ng	99
29) 2,4-Dichlorophenol	10.12	162	1391889	42.125	ng	99
30) 1,2,4-Trichlorobenzene	10.34	180	1468122	38.009	ng	100
31) Naphthalene	10.52	128	4384100	38.533	ng	100
32) Benzoic acid	9.81	122	859680	46.790	ng	100
33) 4-Chloroaniline	10.63	127	925369	19.626	ng	99
34) Hexachlorobutadiene	10.82	225	828150	35.036	ng	100
35) Caprolactam	11.39	113	411289m	40.229	ng	
36) 4-Chloro-3-methylphenol	11.76	107	1275279	37.129	ng	100
37) 2-Methylnaphthalene	12.14	142	3161435	39.063	ng	99
38) 1-Methylnaphthalene	12.36	142	2977198	39.079	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1460907	35.539	ng	100

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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	12.50	237	1618706	75.907 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	1017492	42.708 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	1114478	42.642 ng	98
46) 1,1'-Biphenyl	13.16	154	3874453	40.992 ng	99
47) 2-Chloronaphthalene	13.20	162	2948869	39.843 ng	99
48) 2-Nitroaniline	13.40	65	580013	32.790 ng	94
49) Acenaphthylene	14.05	152	4729662	40.747 ng	99
50) Dimethylphthalate	13.80	163	4116010	46.029 ng	100
51) 2,6-Dinitrotoluene	13.90	165	799599	40.171 ng	98
52) Acenaphthene	14.39	154	2791275	37.415 ng	99
53) 3-Nitroaniline	14.23	138	544586	27.248 ng	100
54) 2,4-Dinitrophenol	14.44	184	755023	88.011 ng	94
55) Dibenzofuran	14.73	168	4287463	37.467 ng	100
56) 4-Nitrophenol	14.55	139	1430090	90.187 ng	96
57) 2,4-Dinitrotoluene	14.69	165	1056796	40.432 ng	96
58) Fluorene	15.39	166	3205300	35.775 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	922819	42.317 ng	97
60) Diethylphthalate	15.17	149	3474987	39.769 ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	1615314	35.030 ng	99
62) 4-Nitroaniline	15.40	138	786126	38.394 ng	99
63) Azobenzene	15.67	77	2535268	28.820 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	510650	44.478 ng	95
66) n-Nitrosodiphenylamine	15.60	169	2968857	40.141 ng	100
67) 4-Bromophenyl-phenylether	16.28	248	1085428	39.951 ng	96
68) Hexachlorobenzene	16.40	284	1237492	39.379 ng	96
69) Atrazine	16.56	200	875774	34.950 ng	99
70) Pentachlorophenol	16.74	266	1478870	90.751 ng	94
71) Phenanthrene	17.13	178	5156877	39.379 ng	100
72) Anthracene	17.22	178	5217130	40.762 ng	100
73) Carbazole	17.49	167	4758161	38.067 ng	100
74) Di-n-butylphthalate	18.06	149	5742877	43.677 ng	100
75) Fluoranthene	19.10	202	5806423	38.484 ng	99
77) Benzidine	19.28	184	3003694	48.985 ng	100
78) Pyrene	19.45	202	5801566	41.271 ng	100
80) Butylbenzylphthalate	20.34	149	2535977	44.639 ng	99
81) Benzo(a)anthracene	21.16	228	5503412	40.179 ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	2072536	38.229 ng	99
83) Chrysene	21.22	228	5157947	39.920 ng	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	3609931	46.401 ng	99
85) Di-n-octyl phthalate	21.99	149	6327806	49.511 ng	99
87) Indeno(1,2,3-cd)pyrene	25.73	276	8300215	43.651 ng	97
88) Benzo(b)fluoranthene	22.75	252	6550702	39.097 ng	99
89) Benzo(k)fluoranthene	22.80	252	6044726	38.170 ng	99
90) Benzo(a)pyrene	23.33	252	6037166	39.877 ng	99
91) Dibenzo(a,h)anthracene	25.74	278	6845898	42.301 ng	98
92) Benzo(g,h,i)perylene	26.43	276	7152161	45.702 ng	98

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

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