Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003059.D
Acq On : 20 Aug 2020 11:18
Operator : CG/JU
Sample : PB131060BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB131060BS

Manual Integrations APPROVED
mohammad
8/21/2020 12:50:32 PM

Quant Time: Aug 20 12:16:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	377673	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1502868	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	783940	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1792795	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1422305	20.00	ng		0.00
86) Perylene-d12	23.41	264	1367082	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2171139	87.98	ng		0.00
7) Phenol-d6	6.87	99	2522296	73.62	ng		0.00
23) Nitrobenzene-d5	8.83	82	1464437	52.78	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	993238	101.94	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	3639684	63.43	ng		-0.01
79) Terphenyl-d14	19.65	244	4841432	68.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	228276	21.550	ng		99
3) Pyridine	3.62	79	594046	20.129	ng		99
4) n-Nitrosodimethylamine	3.53	42	226049	26.075	ng		98
6) Aniline	7.01	93	1199184	30.170	ng		100
8) 2-Chlorophenol	7.25	128	993244	37.751	ng		99
9) Benzaldehyde	6.82	77	470315	25.783	ng		99
10) Phenol	6.89	94	1038994	30.112	ng		97
11) bis(2-Chloroethyl)ether	7.11	93	785455	29.596	ng		99
12) 1,3-Dichlorobenzene	7.58	146	1070108	36.035	ng		99
13) 1,4-Dichlorobenzene	7.72	146	1093085	36.416	ng		100
14) 1,2-Dichlorobenzene	8.03	146	1034233	36.130	ng		99
15) Benzyl Alcohol	7.92	79	661725	29.273	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	641406	25.725	ng		99
17) 2-Methylphenol	8.13	107	759763	34.458	ng		99
18) Hexachloroethane	8.76	117	362075	34.583	ng		96
19) n-Nitroso-di-n-propylamine	8.49	70	491323	24.889	ng		98
20) 3+4-Methylphenols	8.46	107	1016418	34.205	ng		99
22) Acetophenone	8.50	105	1241912	29.289	ng	#	98
24) Nitrobenzene	8.87	77	791781	26.284	ng		97
25) Isophorone	9.40	82	1549501	25.993	ng		100
26) 2-Nitrophenol	9.58	139	531881	42.837	ng		98
27) 2,4-Dimethylphenol	9.65	122	860971	36.268	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	1011018	30.400	ng		99
29) 2,4-Dichlorophenol	10.12	162	934897	37.419	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	983897	33.688	ng		99
31) Naphthalene	10.51	128	2901549	33.727	ng		100
32) Benzoic acid	9.82	122	525637	39.307	ng		98
33) 4-Chloroaniline	10.62	127	1143072	32.061	ng		99
34) Hexachlorobutadiene	10.81	225	570994	31.947	ng		98
35) Caprolactam	11.39	113	294650m	38.115	ng		
36) 4-Chloro-3-methylphenol	11.76	107	794876	30.606	ng		98
37) 2-Methylnaphthalene	12.13	142	1886345	30.825	ng		99
38) 1-Methylnaphthalene	12.35	142	1765918	30.655	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	888930	31.539	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1157044	79.132	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	628366	38.466	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	681003	38.001	ng	98
46) 1,1'-Biphenyl	13.15	154	2350727	36.273	ng	99
47) 2-Chloronaphthalene	13.19	162	1780094	35.077	ng	100
48) 2-Nitroaniline	13.39	65	383219	31.741	ng	97
49) Acenaphthylene	14.04	152	2928166	36.792	ng	100
50) Dimethylphthalate	13.79	163	2270557	37.031	ng	100
51) 2,6-Dinitrotoluene	13.89	165	512678	37.752	ng	97
52) Acenaphthene	14.39	154	1685722	32.954	ng	99
53) 3-Nitroaniline	14.22	138	483992	34.348	ng	99
54) 2,4-Dinitrophenol	14.43	184	514473	87.514	ng	98
55) Dibenzofuran	14.72	168	2678612	34.138	ng	100
56) 4-Nitrophenol	14.55	139	896868	82.489	ng	96
57) 2,4-Dinitrotoluene	14.69	165	698646	39.120	ng	97
58) Fluorene	15.37	166	2007408	32.677	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	592353	39.616	ng	100
60) Diethylphthalate	15.16	149	2265219	37.808	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1011989	32.007	ng	98
62) 4-Nitroaniline	15.39	138	539445	38.422	ng	94
63) Azobenzene	15.67	77	1580472	26.203	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	359640	39.866	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1893915	31.897	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	680846	31.216	ng	99
68) Hexachlorobenzene	16.39	284	792232	31.403	ng	99
69) Atrazine	16.55	200	661533	32.886	ng	99
70) Pentachlorophenol	16.73	266	1039892	79.489	ng	99
71) Phenanthrene	17.12	178	3710976	35.299	ng	99
72) Anthracene	17.21	178	3792327	36.908	ng	99
73) Carbazole	17.47	167	3436334	34.246	ng	100
74) Di-n-butylphthalate	18.05	149	4154839	39.361	ng	100
75) Fluoranthene	19.09	202	4166750	34.401	ng	99
77) Benzidine	19.27	184	2913207	67.169	ng	99
78) Pyrene	19.45	202	4156480	41.803	ng	99
80) Butylbenzylphthalate	20.33	149	1777198	44.256	ng	99
81) Benzo(a)anthracene	21.15	228	3583119	36.985	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	1289988	33.641	ng	100
83) Chrysene	21.20	228	3372526	36.903	ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2460337	44.711	ng	99
85) Di-n-octyl phthalate	21.97	149	4126906	45.653	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	4151108	37.915	ng	98
88) Benzo(b)fluoranthene	22.74	252	3443692	35.696	ng	97
89) Benzo(k)fluoranthene	22.78	252	3437532	37.699	ng	98
90) Benzo(a)pyrene	23.32	252	3166522	36.326	ng	98
91) Dibenzo(a,h)anthracene	25.72	278	3446411	36.985	ng	98
92) Benzo(g,h,i)perylene	26.40	276	3625955	40.240	ng	98

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

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