Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002603.D
Acq On : 01 Jul 2020 14:25
Operator : CG/JU
Sample : PB129897BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129897BS

Manual Integrations APPROVED
mohammad
7/7/2020 8:23:03 AM

Quant Time: Jul 01 15:46:05 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	245888	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	960434	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	541481	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1044676	20.00	ng	0.00
76) Chrysene-d12	21.09	240	761247	20.00	ng	0.00
86) Perylene-d12	23.28	264	692500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1995935	137.43	ng	0.00
7) Phenol-d6	6.77	99	2566228	126.60	ng	0.00
23) Nitrobenzene-d5	8.72	82	1618834	86.85	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	706151	107.22	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3017895	82.03	ng	0.00
79) Terphenyl-d14	19.57	244	3424078	97.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	252769	40.609	ng	98
3) Pyridine	3.52	79	742049	40.224	ng	99
4) n-Nitrosodimethylamine	3.44	42	339994	43.417	ng	88
6) Aniline	6.90	93	1064556	41.806	ng	98
8) 2-Chlorophenol	7.15	128	783351	48.558	ng	99
9) Benzaldehyde	6.72	77	317427	28.022	ng	99
10) Phenol	6.80	94	1017860	49.794	ng	93
11) bis(2-Chloroethyl)ether	7.00	93	788167	46.978	ng	99
12) 1,3-Dichlorobenzene	7.46	146	832377	44.714	ng	99
13) 1,4-Dichlorobenzene	7.60	146	839850	44.284	ng	99
14) 1,2-Dichlorobenzene	7.92	146	786280	43.071	ng	100
15) Benzyl Alcohol	7.82	79	657606	43.175	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1088549	46.568	ng	99
17) 2-Methylphenol	8.03	107	652060	42.617	ng	98
18) Hexachloroethane	8.64	117	305217	44.591	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	548986	41.279	ng	97
20) 3+4-Methylphenols	8.35	107	862664	41.820	ng	97
22) Acetophenone	8.39	105	1058273	43.533	ng	98
24) Nitrobenzene	8.76	77	880947	44.650	ng	99
25) Isophorone	9.28	82	1573029	42.105	ng	98
26) 2-Nitrophenol	9.46	139	414366	46.050	ng	98
27) 2,4-Dimethylphenol	9.55	122	670984	49.211	ng	98
28) bis(2-Chloroethoxy)methane	9.77	93	1004416	46.803	ng	99
29) 2,4-Dichlorophenol	10.00	162	708019	45.057	ng	99
30) 1,2,4-Trichlorobenzene	10.21	180	762274	43.089	ng	99
31) Naphthalene	10.39	128	2206549	43.399	ng	99
32) Benzoic acid	9.72	122	299239	31.578	ng	99
33) 4-Chloroaniline	10.50	127	480363	21.600	ng	100
34) Hexachlorobutadiene	10.69	225	433051	39.993	ng	97
35) Caprolactam	11.28	113	215501m	40.797	ng	
36) 4-Chloro-3-methylphenol	11.66	107	734274	42.634	ng	99
37) 2-Methylnaphthalene	12.02	142	1564511	42.203	ng	98
38) 1-Methylnaphthalene	12.24	142	1466016	41.989	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	745417	44.087	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	850615	95.478 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	519785	45.435 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	558450	42.404 ng	97
46) 1,1'-Biphenyl	13.05	154	1821421	44.469 ng	98
47) 2-Chloronaphthalene	13.09	162	1446714	43.391 ng	97
48) 2-Nitroaniline	13.29	65	459299	43.181 ng	96
49) Acenaphthylene	13.94	152	2286730	43.579 ng	99
50) Dimethylphthalate	13.69	163	1741670	40.953 ng	99
51) 2,6-Dinitrotoluene	13.80	165	392200	42.700 ng	97
52) Acenaphthene	14.29	154	1345989	43.476 ng	100
53) 3-Nitroaniline	14.13	138	258131	25.810 ng	98
54) 2,4-Dinitrophenol	14.35	184	417533	73.454 ng	95
55) Dibenzofuran	14.63	168	2099022	41.837 ng	99
56) 4-Nitrophenol	14.47	139	609949	77.341 ng	95
57) 2,4-Dinitrotoluene	14.60	165	516942	41.838 ng	98
58) Fluorene	15.28	166	1512862	39.593 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	456957	42.953 ng	99
60) Diethylphthalate	15.07	149	1636159	38.689 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	773750	37.760 ng	96
62) 4-Nitroaniline	15.30	138	378782	37.894 ng	92
63) Azobenzene	15.57	77	1781493	43.567 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	302673	45.183 ng	97
66) n-Nitrosodiphenylamine	15.50	169	1429025	46.859 ng	98
67) 4-Bromophenyl-phenylether	16.18	248	524924	44.714 ng	93
68) Hexachlorobenzene	16.30	284	552908	43.963 ng	99
69) Atrazine	16.46	200	450952	46.083 ng	99
70) Pentachlorophenol	16.65	266	590283	82.056 ng	98
71) Phenanthrene	17.02	178	2438164	43.378 ng	99
72) Anthracene	17.12	178	2497221	44.647 ng	99
73) Carbazole	17.39	167	2239597	41.431 ng	99
74) Di-n-butylphthalate	17.97	149	2620705	41.166 ng	99
75) Fluoranthene	19.01	202	2684195	39.452 ng	97
78) Pyrene	19.36	202	2724605	52.583 ng	100
80) Butylbenzylphthalate	20.26	149	1041429	46.038 ng	98
81) Benzo(a)anthracene	21.07	228	2251444	45.239 ng	98
82) 3,3'-Dichlorobenzidine	21.01	252	581673	31.924 ng	96
83) Chrysene	21.13	228	2106058	44.131 ng	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1446400	44.528 ng	98
85) Di-n-octyl phthalate	21.89	149	2297975	40.053 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2468042	49.498 ng	98
88) Benzo(b)fluoranthene	22.63	252	2092709	47.359 ng	99
89) Benzo(k)fluoranthene	22.67	252	2019410	48.988 ng	98
90) Benzo(a)pyrene	23.19	252	1887557	46.549 ng	99
91) Dibenzo(a,h)anthracene	25.51	278	2053474	50.400 ng	99
92) Benzo(g,h,i)perylene	26.17	276	2056008	50.457 ng	99

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

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