Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
Data File : BP002316.D
Acq On : 29 May 2020 15:46
Operator : CG/JU
Sample : PB129148BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Manual Integrations APPROVED
mohammad
6/1/2020 12:24:13 PM

Quant Time: May 29 16:19:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	260482	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1069864	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	613448	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1254974	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1075417	20.00	ng	0.00
86) Perylene-d12	23.32	264	1240463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1894631	136.61	ng	0.00
7) Phenol-d6	6.79	99	2465594	130.69	ng	0.00
23) Nitrobenzene-d5	8.75	82	1545182	86.83	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	699359	120.29	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3023409	86.97	ng	0.00
79) Terphenyl-d14	19.59	244	3903866	87.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	254819	39.954	ng	99
3) Pyridine	3.56	79	654625	35.863	ng	100
4) n-Nitrosodimethylamine	3.48	42	303887	43.221	ng	98
6) Aniline	6.93	93	739243	28.358	ng	99
8) 2-Chlorophenol	7.18	128	710399	44.761	ng	97
9) Benzaldehyde	6.75	77	421598	39.978	ng	99
10) Phenol	6.82	94	919279	44.281	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	709171	41.032	ng	98
12) 1,3-Dichlorobenzene	7.50	146	745064	40.968	ng	99
13) 1,4-Dichlorobenzene	7.64	146	760651	41.646	ng	98
14) 1,2-Dichlorobenzene	7.96	146	714076	40.893	ng	99
15) Benzyl Alcohol	7.84	79	615957	42.966	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	953499	39.986	ng	100
17) 2-Methylphenol	8.05	107	598672	40.375	ng	98
18) Hexachloroethane	8.68	117	276577	42.311	ng	95
19) n-Nitroso-di-n-propylamine	8.41	70	515913	41.236	ng	99
20) 3+4-Methylphenols	8.38	107	797444	39.577	ng	98
22) Acetophenone	8.42	105	993655	40.679	ng	100
24) Nitrobenzene	8.79	77	790714	40.761	ng	100
25) Isophorone	9.32	82	1456510	39.853	ng	99
26) 2-Nitrophenol	9.50	139	358738	43.406	ng	98
27) 2,4-Dimethylphenol	9.58	122	638059	46.888	ng	100
28) bis(2-Chloroethoxy)methane	9.80	93	911852	41.002	ng	100
29) 2,4-Dichlorophenol	10.03	162	643074	42.884	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	682482	40.415	ng	98
31) Naphthalene	10.43	128	2043745	40.733	ng	100
32) Benzoic acid	9.71	122	367246	36.085	ng	97
33) 4-Chloroaniline	10.53	127	264298	11.992	ng	99
34) Hexachlorobutadiene	10.73	225	377434	38.323	ng	99
35) Caprolactam	11.29	113	216899	41.759	ng	98
36) 4-Chloro-3-methylphenol	11.68	107	684389	42.378	ng	98
37) 2-Methylnaphthalene	12.05	142	1438980	40.903	ng	99
38) 1-Methylnaphthalene	12.27	142	1363292	40.822	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	673469	41.312	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	861279	99.371	ng		100
43) 2,4,6-Trichlorophenol	12.67	196	480015	42.526	ng		98
44) 2,4,5-Trichlorophenol	12.74	196	519734	39.678	ng		99
46) 1,1'-Biphenyl	13.08	154	1760969	43.807	ng		100
47) 2-Chloronaphthalene	13.12	162	1366583	41.205	ng		99
48) 2-Nitroaniline	13.32	65	428757	42.041	ng		96
49) Acenaphthylene	13.97	152	2232489	42.482	ng		100
50) Dimethylphthalate	13.72	163	1675668	40.355	ng		100
51) 2,6-Dinitrotoluene	13.82	165	371314	41.205	ng		99
52) Acenaphthene	14.32	154	1516304m	44.851	ng		
53) 3-Nitroaniline	14.15	138	173128	16.792	ng		97
54) 2,4-Dinitrophenol	14.36	184	405536	89.061	ng		96
55) Dibenzofuran	14.65	168	2043921	40.888	ng		99
56) 4-Nitrophenol	14.47	139	696560	85.479	ng		98
57) 2,4-Dinitrotoluene	14.62	165	498869	41.188	ng		93
58) Fluorene	15.30	166	1482723	39.993	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	446432	42.791	ng		94
60) Diethylphthalate	15.10	149	1640424	39.950	ng		99
61) 4-Chlorophenyl-phenylether	15.31	204	747477	38.206	ng		99
62) 4-Nitroaniline	15.32	138	352798	36.965	ng		97
63) Azobenzene	15.60	77	1734088	41.184	ng		99
65) 4,6-Dinitro-2-methylphenol	15.39	198	281943	45.430	ng		99
66) n-Nitrosodiphenylamine	15.52	169	1410707	42.811	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	483825	39.229	ng		99
68) Hexachlorobenzene	16.32	284	534386	41.011	ng		99
69) Atrazine	16.49	200	443744	42.212	ng		98
70) Pentachlorophenol	16.66	266	658291	82.816	ng		96
71) Phenanthrene	17.05	178	2518701	42.371	ng		99
72) Anthracene	17.14	178	2564800	43.849	ng		100
73) Carbazole	17.41	167	2347609	41.044	ng		98
74) Di-n-butylphthalate	18.00	149	2770563	42.575	ng		99
75) Fluoranthene	19.03	202	2851126	41.642	ng		99
77) Benzidine	19.22	184	1173578	53.737	ng		99
78) Pyrene	19.38	202	2977491	44.463	ng		100
80) Butylbenzylphthalate	20.28	149	1229941	46.132	ng		94
81) Benzo(a)anthracene	21.09	228	2631154	42.741	ng		99
82) 3,3'-Dichlorobenzidine	21.03	252	597042	27.682	ng		98
83) Chrysene	21.15	228	2534996	42.907	ng		100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1806566	44.343	ng		98
85) Di-n-octyl phthalate	21.92	149	3144134	46.433	ng		98
87) Indeno(1,2,3-cd)pyrene	25.54	276	3482336	45.354	ng	#	95
88) Benzo(b)fluoranthene	22.66	252	2870551m	42.445	ng		
89) Benzo(k)fluoranthene	22.70	252	2654326	40.900	ng		99
90) Benzo(a)pyrene	23.22	252	2615044	41.684	ng		98
91) Dibenzo(a,h)anthracene	25.56	278	2865019	45.766	ng	#	95
92) Benzo(g,h,i)perylene	26.22	276	3022515	47.332	ng	#	96

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

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