Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
Data File : BP002839.D
Acq On : 23 Jul 2020 14:22
Operator : CG/JU
Sample : PB130378BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130378BS

Manual Integrations APPROVED
Sohil
7/24/2020 12:13:10 PM

Quant Time: Jul 23 16:17:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	138613	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	531346	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	296963	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	585283	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	426098	20.00	ng	0.00
86) Perylene-d12	23.26	264	393073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	956923	116.48	ng	0.00
7) Phenol-d6	6.75	99	1219761	104.03	ng	0.00
23) Nitrobenzene-d5	8.69	82	793425	79.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	330509	106.62	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1476293	76.91	ng	-0.01
79) Terphenyl-d14	19.55	244	1744750	93.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	139619	38.980	ng	97
3) Pyridine	3.49	79	378030	35.415	ng	100
4) n-Nitrosodimethylamine	3.42	42	181465	45.127	ng	97
6) Aniline	6.88	93	489624	32.986	ng	99
8) 2-Chlorophenol	7.12	128	395534	43.272	ng	98
9) Benzaldehyde	6.69	77	111480	17.500	ng	98
10) Phenol	6.78	94	511037	42.547	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	408155	40.856	ng	100
12) 1,3-Dichlorobenzene	7.43	146	424739	40.523	ng	97
13) 1,4-Dichlorobenzene	7.58	146	428062	40.695	ng	98
14) 1,2-Dichlorobenzene	7.89	146	400499	39.482	ng	98
15) Benzyl Alcohol	7.79	79	334584	42.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.08	45	563941	39.251	ng	100
17) 2-Methylphenol	8.01	107	331256	38.712	ng	98
18) Hexachloroethane	8.60	117	160260	43.014	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	282925	39.624	ng	98
20) 3+4-Methylphenols	8.33	107	429510	37.961	ng	98
22) Acetophenone	8.36	105	535796	40.904	ng	98
24) Nitrobenzene	8.73	77	457300	42.503	ng	99
25) Isophorone	9.26	82	825488	40.769	ng	100
26) 2-Nitrophenol	9.44	139	212903	45.814	ng	95
27) 2,4-Dimethylphenol	9.52	122	331834	43.983	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	518613	42.168	ng	99
29) 2,4-Dichlorophenol	9.99	162	356494	42.858	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	385697	40.483	ng	98
31) Naphthalene	10.36	128	1117519	39.836	ng	100
32) Benzoic acid	9.72	122	144039	28.109	ng	98
33) 4-Chloroaniline	10.49	127	298482	24.831	ng	99
34) Hexachlorobutadiene	10.66	225	225683	40.983	ng	99
35) Caprolactam	11.26	113	114987m	39.537	ng	
36) 4-Chloro-3-methylphenol	11.65	107	371044	41.383	ng	98
37) 2-Methylnaphthalene	11.99	142	793296	40.074	ng	97
38) 1-Methylnaphthalene	12.21	142	740335	39.541	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	399922	43.820	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	257121	65.127	ng		99
43) 2,4,6-Trichlorophenol	12.63	196	251985	43.136	ng		98
44) 2,4,5-Trichlorophenol	12.72	196	270566	39.933	ng		99
46) 1,1'-Biphenyl	13.02	154	933119	42.148	ng		98
47) 2-Chloronaphthalene	13.06	162	734932	40.870	ng		98
48) 2-Nitroaniline	13.27	65	246822	44.405	ng		96
49) Acenaphthylene	13.92	152	1148603	40.519	ng		99
50) Dimethylphthalate	13.67	163	900919	39.780	ng		100
51) 2,6-Dinitrotoluene	13.79	165	197375	40.708	ng		96
52) Acenaphthene	14.26	154	682489	40.285	ng		98
53) 3-Nitroaniline	14.12	138	150334	27.713	ng		96
54) 2,4-Dinitrophenol	14.35	184	191573	72.135	ng		96
55) Dibenzofuran	14.60	168	1051467	38.698	ng		98
56) 4-Nitrophenol	14.47	139	267109	62.600	ng		97
57) 2,4-Dinitrotoluene	14.59	165	258232	40.441	ng	#	89
58) Fluorene	15.26	166	801600	39.871	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	227466	42.590	ng		95
60) Diethylphthalate	15.05	149	869934	39.618	ng		97
61) 4-Chlorophenyl-phenylether	15.26	204	397697	37.228	ng		99
62) 4-Nitroaniline	15.29	138	202329	35.292	ng		95
63) Azobenzene	15.55	77	928945	41.145	ng		99
65) 4,6-Dinitro-2-methylphenol	15.37	198	142386	41.501	ng		98
66) n-Nitrosodiphenylamine	15.47	169	751207	43.449	ng		98
67) 4-Bromophenyl-phenylether	16.15	248	263076	41.264	ng		99
68) Hexachlorobenzene	16.27	284	282160	42.005	ng		98
69) Atrazine	16.44	200	230731	48.883	ng		100
70) Pentachlorophenol	16.63	266	222778	69.635	ng		95
71) Phenanthrene	17.00	178	1285000	40.550	ng		98
72) Anthracene	17.09	178	1296434	41.690	ng		99
73) Carbazole	17.37	167	1190659	39.018	ng		99
74) Di-n-butylphthalate	17.95	149	1434070	43.332	ng		99
75) Fluoranthene	18.99	202	1459130	39.738	ng		98
77) Benzidine	19.17	184	510602	48.345	ng		99
78) Pyrene	19.35	202	1454941	49.455	ng		99
80) Butylbenzylphthalate	20.23	149	590773	50.888	ng		96
81) Benzo(a)anthracene	21.06	228	1186583	43.019	ng		99
82) 3,3'-Dichlorobenzidine	20.99	252	364714	39.926	ng		94
83) Chrysene	21.11	228	1098148	41.825	ng		97
84) Bis(2-ethylhexyl)phthalate	21.00	149	782452	48.459	ng		99
85) Di-n-octyl phthalate	21.86	149	1323442	45.590	ng		99
87) Indeno(1,2,3-cd)pyrene	25.47	276	1248407	43.943	ng		99
88) Benzo(b)fluoranthene	22.60	252	1103004	45.191	ng		99
89) Benzo(k)fluoranthene	22.65	252	1072644	44.617	ng		98
90) Benzo(a)pyrene	23.17	252	994517	42.998	ng		97
91) Dibenzo(a,h)anthracene	25.47	278	1043311	45.536	ng		99
92) Benzo(g,h,i)perylene	26.14	276	1044208	44.951	ng		99

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

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