Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006051.D
Acq On : 24 Jun 2021 14:02
Operator : CG/JU
Sample : PB137310BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 24 15:06:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB137310BS

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	74577	20.000	ng		-0.01
21) Naphthalene-d8	10.716	136	292731	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	184071	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	377943	20.000	ng		0.00
76) Chrysene-d12	21.369	240	441926	20.000	ng		0.00
86) Perylene-d12	23.768	264	479448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	621387	133.700	ng		0.00
7) Phenol-d6	7.099	99	754678	125.279	ng		0.00
23) Nitrobenzene-d5	9.081	82	466431	78.119	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	382516	121.095	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1088688	77.665	ng		0.00
79) Terphenyl-d14	19.839	244	1803126	76.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	69732	33.210	ng		98
3) Pyridine	3.764	79	166179	33.674	ng		97
4) n-Nitrosodimethylamine	3.675	42	84188	36.700	ng	#	82
6) Aniline	7.240	93	227285	33.795	ng		98
8) 2-Chlorophenol	7.481	128	243482	45.692	ng		100
9) Benzaldehyde	7.058	77	32987	12.845	ng		97
10) Phenol	7.122	94	284736	47.316	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	206312	45.243	ng		100
12) 1,3-Dichlorobenzene	7.799	146	252150	42.317	ng		98
13) 1,4-Dichlorobenzene	7.946	146	255702	42.080	ng		99
14) 1,2-Dichlorobenzene	8.263	146	247177	42.555	ng		99
15) Benzyl Alcohol	8.163	79	206385	45.486	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	181246	42.997	ng		98
17) 2-Methylphenol	8.369	107	193049	47.083	ng		98
18) Hexachloroethane	8.987	117	92668	42.160	ng		99
19) n-Nitroso-di-n-propyla...	8.728	70	157415	42.477	ng		95
20) 3+4-Methylphenols	8.699	107	260329	47.003	ng		93
22) Acetophenone	8.746	105	332903	43.206	ng	#	97
24) Nitrobenzene	9.122	77	241094	38.885	ng		98
25) Isophorone	9.652	82	423097	38.371	ng		100
26) 2-Nitrophenol	9.834	139	126876	42.888	ng		95
27) 2,4-Dimethylphenol	9.899	122	214053	48.569	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	259283	45.056	ng		99
29) 2,4-Dichlorophenol	10.375	162	224681	42.422	ng		97
30) 1,2,4-Trichlorobenzene	10.581	180	233387	39.217	ng		98
31) Naphthalene	10.763	128	677275	39.987	ng		99
32) Benzoic acid	10.087	122	127380	39.816	ng		99
33) 4-Chloroaniline	10.887	127	128741	18.815	ng		99
34) Hexachlorobutadiene	11.046	225	152399	37.860	ng		98
35) Caprolactam	11.698	113	69127m	45.312	ng		
36) 4-Chloro-3-methylphenol	12.022	107	237266	44.119	ng		98
37) 2-Methylnaphthalene	12.375	142	488857	40.539	ng		99
38) 1-Methylnaphthalene	12.593	142	454877	40.046	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	265874	41.035	ng		99
41) Hexachlorocyclopentadiene	12.716	237	240099	74.183	ng		99
43) 2,4,6-Trichlorophenol	12.987	196	179305	40.347	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	194719	40.685	ng	98
46) 1,1'-Biphenyl	13.381	154	617631	41.616	ng	99
47) 2-Chloronaphthalene	13.422	162	481175	39.704	ng	97
48) 2-Nitroaniline	13.634	65	133977	42.046	ng	96
49) Acenaphthylene	14.269	152	766414	41.221	ng	99
50) Dimethylphthalate	14.010	163	621717	41.080	ng	100
51) 2,6-Dinitrotoluene	14.128	165	138683	40.316	ng	99
52) Acenaphthene	14.610	154	447442	39.628	ng	99
53) 3-Nitroaniline	14.463	138	89342	26.797	ng	96
54) 2,4-Dinitrophenol	14.675	184	152842	75.028	ng	98
55) Dibenzofuran	14.939	168	715830	38.551	ng	98
56) 4-Nitrophenol	14.787	139	217350	80.429	ng	97
57) 2,4-Dinitrotoluene	14.916	165	191762	41.680	ng	98
58) Fluorene	15.592	166	576941	39.878	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	169161m	40.103	ng	
60) Diethylphthalate	15.363	149	619105	40.772	ng	99
61) 4-Chlorophenyl-phenyle...	15.581	204	296512	39.524	ng	97
62) 4-Nitroaniline	15.628	138	136804	39.866	ng	93
63) Azobenzene	15.875	77	536656	39.065	ng	96
65) 4,6-Dinitro-2-methylph...	15.687	198	103011	37.089	ng	98
66) n-Nitrosodiphenylamine	15.798	169	515415	41.124	ng	99
67) 4-Bromophenyl-phenylether	16.475	248	195502	40.302	ng	96
68) Hexachlorobenzene	16.598	284	238148	40.957	ng	96
69) Atrazine	16.757	200	197516	50.654	ng	98
70) Pentachlorophenol	16.945	266	263487	81.497	ng	99
71) Phenanthrene	17.333	178	915537	40.337	ng	99
72) Anthracene	17.422	178	940497	42.103	ng	99
73) Carbazole	17.698	167	861042	40.148	ng	100
74) Di-n-butylphthalate	18.239	149	1086471	43.724	ng	100
75) Fluoranthene	19.298	202	1129505	40.978	ng	98
77) Benzidine	19.475	184	432862	47.073	ng	100
78) Pyrene	19.645	202	1171483	37.972	ng	99
80) Butylbenzylphthalate	20.510	149	540082	42.551	ng	99
81) Benzo(a)anthracene	21.351	228	1244329	39.006	ng	100
82) 3,3'-Dichlorobenzidine	21.280	252	367795	33.348	ng	100
83) Chrysene	21.404	228	1228087	39.747	ng	99
84) Bis(2-ethylhexyl)phtha...	21.263	149	807922	43.402	ng	98
85) Di-n-octyl phthalate	22.180	149	1447952	43.481	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	1749532	42.671	ng	99
88) Benzo(b)fluoranthene	23.033	252	1395794	42.505	ng	99
89) Benzo(k)fluoranthene	23.086	252	1382878	43.429	ng	99
90) Benzo(a)pyrene	23.668	252	1356672	43.944	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	1504308	42.629	ng	99
92) Benzo(g,h,i)perylene	27.086	276	1475545	42.328	ng	98

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

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