Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092521\
Data File : BP007184.D
Acq On : 25 Sep 2021 13:36
Operator : CG/JU
Sample : PB139369BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 02:13:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB139369BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	230562	20.00	ng		-0.01
21) Naphthalene-d8	10.681	136	917237	20.00	ng		#-0.01
39) Acenaphthene-d10	14.516	164	590825	20.00	ng		-0.01
64) Phenanthrene-d10	17.269	188	1260367	20.00	ng		0.00
76) Chrysene-d12	21.351	240	1274499	20.00	ng		# 0.00
86) Perylene-d12	23.757	264	1286571	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	1567730	113.82	ng		0.00
7) Phenol-d6	7.058	99	1903582	101.12	ng		0.00
23) Nitrobenzene-d5	9.046	82	1112408	70.63	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	926132	120.91	ng		0.00
45) 2-Fluorobiphenyl	13.140	172	2860375	69.36	ng		-0.01
79) Terphenyl-d14	19.822	244	4666536	70.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	156498	28.10	ng		89
3) Pyridine	3.752	79	361458	23.71	ng	#	88
4) n-Nitrosodimethylamine	3.658	42	194564	37.24	ng	#	75
6) Aniline	7.211	93	748623	36.08	ng		99
8) 2-Chlorophenol	7.446	128	605576	40.45	ng		100
9) Benzaldehyde	7.022	77	315105m	29.71	ng		
10) Phenol	7.081	94	710966	39.17	ng		92
11) bis(2-Chloroethyl)ether	7.305	93	530864	37.05	ng		96
12) 1,3-Dichlorobenzene	7.769	146	641503	37.99	ng		96
13) 1,4-Dichlorobenzene	7.916	146	656554	38.14	ng		98
14) 1,2-Dichlorobenzene	8.234	146	635922	38.12	ng		98
15) Benzyl Alcohol	8.128	79	485114	40.23	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.416	45	602062	36.70	ng		91
17) 2-Methylphenol	8.328	107	485200	39.66	ng		93
18) Hexachloroethane	8.958	117	226578	39.20	ng		93
19) n-Nitroso-di-n-propyla...	8.693	70	371503	36.28	ng		97
20) 3+4-Methylphenols	8.658	107	652419	38.56	ng		93
22) Acetophenone	8.711	105	837034	37.87	ng		98
24) Nitrobenzene	9.087	77	578498	38.52	ng		97
25) Isophorone	9.616	82	1036686	37.75	ng		98
26) 2-Nitrophenol	9.799	139	320954	40.99	ng		88
27) 2,4-Dimethylphenol	9.863	122	537822	43.62	ng		97
28) bis(2-Chloroethoxy)met...	10.099	93	676735	34.93	ng		99
29) 2,4-Dichlorophenol	10.334	162	581760	40.45	ng		98
30) 1,2,4-Trichlorobenzene	10.546	180	623171	38.03	ng		98
31) Naphthalene	10.734	128	1756882	37.53	ng		99
32) Benzoic acid	10.016	122	388375	40.99	ng		95
33) 4-Chloroaniline	10.846	127	642027	33.20	ng		98
34) Hexachlorobutadiene	11.016	225	385795	39.33	ng		100
35) Caprolactam	11.652	113	185892m	42.01	ng		
36) 4-Chloro-3-methylphenol	11.975	107	575356	39.36	ng		97
37) 2-Methylnaphthalene	12.346	142	1292425	39.43	ng		95
38) 1-Methylnaphthalene	12.563	142	1184905	37.00	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	699717	38.67	ng		98
41) Hexachlorocyclopentadiene	12.693	237	799160	79.69	ng		97
43) 2,4,6-Trichlorophenol	12.951	196	480122	38.89	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.022	196	526636	39.61	ng		97
46)	1,1'-Biphenyl	13.351	154	1573919	35.81	ng		99
47)	2-Chloronaphthalene	13.393	162	1266729	37.21	ng		98
48)	2-Nitroaniline	13.598	65	332742	40.09	ng		90
49)	Acenaphthylene	14.240	152	2007923	38.30	ng		100
50)	Dimethylphthalate	13.975	163	1613349	37.97	ng		100
51)	2,6-Dinitrotoluene	14.098	165	361440	41.64	ng		88
52)	Acenaphthene	14.581	154	1183202	37.25	ng		99
53)	3-Nitroaniline	14.422	138	328734	35.03	ng		97
54)	2,4-Dinitrophenol	14.634	184	456413	91.28	ng		89
55)	Dibenzofuran	14.916	168	1939632	36.60	ng		96
56)	4-Nitrophenol	14.740	139	661287	86.79	ng	#	81
57)	2,4-Dinitrotoluene	14.887	165	503429	43.95	ng		87
58)	Fluorene	15.563	166	1537114	37.54	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.145	232	457721	39.21	ng		95
60)	Diethylphthalate	15.340	149	1585344	38.50	ng		98
61)	4-Chlorophenyl-phenyle...	15.557	204	801130	37.03	ng		93
62)	4-Nitroaniline	15.587	138	386911	40.99	ng	#	81
63)	Azobenzene	15.851	77	1313802	36.82	ng		93
65)	4,6-Dinitro-2-methylph...	15.651	198	291695	38.57	ng		95
66)	n-Nitrosodiphenylamine	15.775	169	1394000	37.17	ng		99
67)	4-Bromophenyl-phenylether	16.457	248	522145	37.80	ng		93
68)	Hexachlorobenzene	16.575	284	603367	39.52	ng		95
69)	Atrazine	16.734	200	532120	40.25	ng		96
70)	Pentachlorophenol	16.916	266	770478	81.27	ng		99
71)	Phenanthrene	17.310	178	2552326	37.77	ng		100
72)	Anthracene	17.398	178	2581288	39.05	ng		100
73)	Carbazole	17.675	167	2380876	36.75	ng		99
74)	Di-n-butylphthalate	18.222	149	2812368	39.17	ng		98
75)	Fluoranthene	19.275	202	3082892	39.60	ng		98
77)	Benzidine	19.457	184	1531258	39.10	ng		100
78)	Pyrene	19.628	202	3150949	37.68	ng		99
80)	Butylbenzylphthalate	20.498	149	1290042	38.52	ng		94
81)	Benzo(a)anthracene	21.333	228	3041659	36.77	ng		99
82)	3,3'-Dichlorobenzidine	21.269	252	1198966	42.20	ng		98
83)	Chrysene	21.386	228	2964552	37.49	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.257	149	1846935	38.36	ng		99
85)	Di-n-octyl phthalate	22.180	149	3260725	39.78	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.292	276	3816988	41.28	ng		96
88)	Benzo(b)fluoranthene	23.027	252	3345066	43.51	ng		99
89)	Benzo(k)fluoranthene	23.074	252	3056140	39.26	ng		98
90)	Benzo(a)pyrene	23.657	252	3166222	48.47	ng	#	98
91)	Dibenzo(a,h)anthracene	26.310	278	3280500	42.34	ng	#	97
92)	Benzo(g,h,i)perylene	27.068	276	3255989	43.06	ng	#	96

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

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