Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
Data File : BP004554.D
Acq On : 14 Jan 2021 13:29
Operator : CG/JU
Sample : PB134100BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB134100BSD

Quant Time: Jan 14 14:13:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	209301	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	748846	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	425157	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	851000	20.00	ng		0.00
76) Chrysene-d12	21.322	240	840263	20.00	ng		0.00
86) Perylene-d12	23.674	264	902817	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1582735	131.80	ng		0.00
7) Phenol-d6	6.987	99	1881125	114.37	ng		0.00
23) Nitrobenzene-d5	8.975	82	1078899	81.45	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	812756	109.95	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2750150	84.09	ng		0.00
79) Terphenyl-d14	19.792	244	3524330	76.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	190634	39.27	ng		92
3) Pyridine	3.723	79	515945	39.66	ng		94
4) n-Nitrosodimethylamine	3.640	42	186752	45.41	ng		92
6) Aniline	7.140	93	654995	35.01	ng		96
8) 2-Chlorophenol	7.381	128	598904	43.92	ng		93
9) Benzaldehyde	6.958	77	87394	9.81	ng		91
10) Phenol	7.016	94	683862	43.37	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	539736	42.76	ng		95
12) 1,3-Dichlorobenzene	7.705	146	704839	41.80	ng		98
13) 1,4-Dichlorobenzene	7.846	146	713447	41.83	ng		99
14) 1,2-Dichlorobenzene	8.164	146	678964	41.68	ng		99
15) Benzyl Alcohol	8.052	79	447603	42.00	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.346	45	530472	39.63	ng		94
17) 2-Methylphenol	8.264	107	467645	42.03	ng		99
18) Hexachloroethane	8.887	117	242321	41.11	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	353404	38.31	ng		93
20) 3+4-Methylphenols	8.587	107	627851	41.35	ng		99
22) Acetophenone	8.634	105	798747	43.21	ng	#	96
24) Nitrobenzene	9.016	77	560178	43.22	ng		92
25) Isophorone	9.534	82	1004334	42.05	ng		95
26) 2-Nitrophenol	9.722	139	321443	44.99	ng	#	93
27) 2,4-Dimethylphenol	9.787	122	505473	51.09	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	660116	40.28	ng		98
29) 2,4-Dichlorophenol	10.263	162	560440	42.65	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	645241	40.82	ng		97
31) Naphthalene	10.657	128	1756420	42.70	ng		100
32) Benzoic acid	9.940	122	276850	36.42	ng		90
33) 4-Chloroaniline	10.769	127	342289	19.27	ng		97
34) Hexachlorobutadiene	10.946	225	413277	38.90	ng		99
35) Caprolactam	11.546	113	154151	36.74	ng	#	78
36) 4-Chloro-3-methylphenol	11.910	107	504440	40.32	ng		99
37) 2-Methylnaphthalene	12.275	142	1233755	40.80	ng		99
38) 1-Methylnaphthalene	12.499	142	1149818	40.05	ng		100
40) 1,2,4,5-Tetrachloroben...	12.652	216	697070	45.64	ng		99
41) Hexachlorocyclopentadiene	12.628	237	681891	77.47	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	433464	43.60	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	451443	43.70	ng		99
46) 1,1'-Biphenyl	13.293	154	1534686	45.16	ng		99
47) 2-Chloronaphthalene	13.334	162	1219855	43.36	ng		98
48) 2-Nitroaniline	13.540	65	267769	41.16	ng		83
49) Acenaphthylene	14.187	152	1844609	43.89	ng		100
50) Dimethylphthalate	13.922	163	1429996	40.59	ng		99
51) 2,6-Dinitrotoluene	14.040	165	323011	43.00	ng		94
52) Acenaphthene	14.528	154	1096586	42.81	ng		100
53) 3-Nitroaniline	14.375	138	208488	25.50	ng		92
54) 2,4-Dinitrophenol	14.598	184	320968	64.86	ng		94
55) Dibenzofuran	14.869	168	1784472	43.02	ng		97
56) 4-Nitrophenol	14.698	139	470248	82.87	ng		91
57) 2,4-Dinitrotoluene	14.840	165	433049	42.18	ng		94
58) Fluorene	15.516	166	1421808	42.93	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	388886	40.11	ng		92
60) Diethylphthalate	15.293	149	1367506	39.69	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	761141	40.67	ng		93
62) 4-Nitroaniline	15.545	138	310350	35.95	ng		97
63) Azobenzene	15.804	77	1104072	42.32	ng		95
65) 4,6-Dinitro-2-methylph...	15.616	198	228538	46.10	ng		95
66) n-Nitrosodiphenylamine	15.728	169	1229915	46.62	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	486750	42.80	ng		94
68) Hexachlorobenzene	16.534	284	568483	41.84	ng		97
69) Atrazine	16.687	200	368976	39.76	ng		98
70) Pentachlorophenol	16.881	266	521831	85.59	ng		99
71) Phenanthrene	17.269	178	2153568	44.14	ng		99
72) Anthracene	17.363	178	2212703	46.80	ng		100
73) Carbazole	17.634	167	1939057	44.00	ng		99
74) Di-n-butylphthalate	18.181	149	2208766	41.48	ng		99
75) Fluoranthene	19.245	202	2513063	42.33	ng		100
77) Benzidine	19.422	184	914609	41.60	ng		99
78) Pyrene	19.598	202	2559878	44.77	ng		100
80) Butylbenzylphthalate	20.463	149	953666	41.24	ng		94
81) Benzo(a)anthracene	21.304	228	2476985	43.34	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	771436	37.44	ng		99
83) Chrysene	21.357	228	2371401	43.59	ng		99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1392472	42.17	ng		100
85) Di-n-octyl phthalate	22.127	149	2380223	42.45	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.110	276	3340104	47.94	ng		97
88) Benzo(b)fluoranthene	22.963	252	2670387	45.70	ng		99
89) Benzo(k)fluoranthene	23.010	252	2527200	45.35	ng		99
90) Benzo(a)pyrene	23.574	252	2408649	44.19	ng		99
91) Dibenzo(a,h)anthracene	26.121	278	2789387	48.52	ng		98
92) Benzo(g,h,i)perylene	26.857	276	2835268	50.08	ng		97

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

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