Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
Data File : BP004551.D
Acq On : 14 Jan 2021 11:47
Operator : CG/JU
Sample : PB134100BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB134100BS

Quant Time: Jan 14 12:18:53 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	253026	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	882731	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	479506	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	937458	20.00	ng		0.00
76) Chrysene-d12	21.321	240	821966	20.00	ng		0.00
86) Perylene-d12	23.674	264	822834	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1891378	130.28	ng		0.00
7) Phenol-d6	6.993	99	2221117	111.71	ng		0.00
23) Nitrobenzene-d5	8.975	82	1271713	81.45	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	889696	106.72	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3105673	84.20	ng		0.00
79) Terphenyl-d14	19.792	244	3595604	79.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	232627	39.64	ng		92
3) Pyridine	3.722	79	628093	39.94	ng		95
4) n-Nitrosodimethylamine	3.640	42	230904	46.44	ng		88
6) Aniline	7.140	93	821451	36.32	ng		96
8) 2-Chlorophenol	7.381	128	717306	43.51	ng		94
9) Benzaldehyde	6.958	77	102963	9.45	ng		92
10) Phenol	7.016	94	812202	42.60	ng		96
11) bis(2-Chloroethyl)ether	7.240	93	645929	42.33	ng		96
12) 1,3-Dichlorobenzene	7.705	146	853272	41.86	ng		98
13) 1,4-Dichlorobenzene	7.852	146	861534	41.78	ng		99
14) 1,2-Dichlorobenzene	8.163	146	812429	41.26	ng		99
15) Benzyl Alcohol	8.052	79	521985	40.52	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	626498	38.72	ng		94
17) 2-Methylphenol	8.263	107	550915	40.95	ng		99
18) Hexachloroethane	8.887	117	289869	40.68	ng		97
19) n-Nitroso-di-n-propyla...	8.622	70	411985	36.94	ng		95
20) 3+4-Methylphenols	8.593	107	730975	39.82	ng		99
22) Acetophenone	8.634	105	932566	42.80	ng		96
24) Nitrobenzene	9.016	77	661869	43.32	ng		92
25) Isophorone	9.540	82	1158693	41.15	ng		96
26) 2-Nitrophenol	9.728	139	377729	44.85	ng		94
27) 2,4-Dimethylphenol	9.793	122	587780	50.39	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	763303	39.51	ng		99
29) 2,4-Dichlorophenol	10.263	162	644684	41.62	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	762069	40.90	ng		98
31) Naphthalene	10.663	128	2059659	42.48	ng		100
32) Benzoic acid	9.946	122	315896	35.56	ng		94
33) 4-Chloroaniline	10.775	127	427153	20.40	ng		97
34) Hexachlorobutadiene	10.946	225	487320	38.92	ng		100
35) Caprolactam	11.551	113	173023	34.98	ng	#	76
36) 4-Chloro-3-methylphenol	11.910	107	575420	39.02	ng		97
37) 2-Methylnaphthalene	12.275	142	1418311	39.79	ng		100
38) 1-Methylnaphthalene	12.498	142	1316671	38.91	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	803319	46.64	ng		99
41) Hexachlorocyclopentadiene	12.628	237	821513	80.59	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	489627	43.67	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	508447	43.64	ng		99
46) 1,1'-Biphenyl	13.293	154	1731391	45.17	ng		98
47) 2-Chloronaphthalene	13.340	162	1376766	43.39	ng		98
48) 2-Nitroaniline	13.540	65	298472	40.68	ng		83
49) Acenaphthylene	14.187	152	2068129	43.63	ng		99
50) Dimethylphthalate	13.922	163	1575623	39.65	ng		99
51) 2,6-Dinitrotoluene	14.045	165	358351	42.30	ng		97
52) Acenaphthene	14.528	154	1228782	42.53	ng		99
53) 3-Nitroaniline	14.375	138	230578	25.01	ng		92
54) 2,4-Dinitrophenol	14.598	184	368232	65.53	ng		94
55) Dibenzofuran	14.869	168	1981923	42.36	ng		97
56) 4-Nitrophenol	14.704	139	514749	80.43	ng		93
57) 2,4-Dinitrotoluene	14.845	165	476013	41.11	ng		94
58) Fluorene	15.522	166	1565765	41.92	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	430809	39.40	ng	#	92
60) Diethylphthalate	15.292	149	1486686	38.26	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	837535	39.68	ng		94
62) 4-Nitroaniline	15.545	138	342108	35.13	ng		96
63) Azobenzene	15.810	77	1221365	41.51	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	258565	47.35	ng		97
66) n-Nitrosodiphenylamine	15.734	169	1355013	46.63	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	531747	42.44	ng		94
68) Hexachlorobenzene	16.534	284	623140	41.63	ng		97
69) Atrazine	16.686	200	399336	39.06	ng		98
70) Pentachlorophenol	16.881	266	555193	82.66	ng		100
71) Phenanthrene	17.269	178	2356662	43.85	ng		99
72) Anthracene	17.363	178	2407137	46.22	ng		100
73) Carbazole	17.633	167	2078989	42.83	ng		99
74) Di-n-butylphthalate	18.180	149	2315239	39.47	ng		99
75) Fluoranthene	19.245	202	2615184	39.99	ng		99
77) Benzidine	19.422	184	877922	40.82	ng		100
78) Pyrene	19.598	202	2654401	47.46	ng		100
80) Butylbenzylphthalate	20.463	149	926490	40.96	ng		92
81) Benzo(a)anthracene	21.304	228	2404847	43.01	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	725629	36.01	ng		100
83) Chrysene	21.357	228	2327863	43.74	ng		100
84) Bis(2-ethylhexyl)phtha...	21.227	149	1314892	40.71	ng		97
85) Di-n-octyl phthalate	22.133	149	2185627	39.85	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.109	276	2923164	46.04	ng		97
88) Benzo(b)fluoranthene	22.963	252	2458217	46.16	ng		99
89) Benzo(k)fluoranthene	23.010	252	2375994	46.78	ng		99
90) Benzo(a)pyrene	23.574	252	2200385	44.29	ng		99
91) Dibenzo(a,h)anthracene	26.121	278	2434896	46.47	ng		98
92) Benzo(g,h,i)perylene	26.856	276	2443346	47.35	ng		97

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

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