Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102820\
Data File : BP003768.D
Acq On : 28 Oct 2020 13:43
Operator : CG/JU
Sample : PB132669BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132669BS

Quant Time: Oct 28 14:25:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.511	152	130755	20.00	ng	0.00
21) Naphthalene-d8	11.352	136	472556	20.00	ng	# 0.00
39) Acenaphthene-d10	15.116	164	295229	20.00	ng	0.00
64) Phenanthrene-d10	17.834	188	634059	20.00	ng	0.00
76) Chrysene-d12	21.851	240	624028	20.00	ng	# 0.00
86) Perylene-d12	24.433	264	630590	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.005	112	1051474	134.47	ng	0.00
7) Phenol-d6	7.664	99	1332828	120.64	ng	0.00
23) Nitrobenzene-d5	9.675	82	872564	78.11	ng	0.00
42) 2,4,6-Tribromophenol	16.587	330	606693	131.72	ng	0.00
45) 2-Fluorobiphenyl	13.740	172	1886317	82.60	ng	0.00
79) Terphenyl-d14	20.304	244	2804544	79.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.670	88	119741	35.84	ng	# 90
3) Pyridine	4.111	79	354785	37.55	ng	92
4) n-Nitrosodimethylamine	4.005	42	158910	39.42	ng	# 74
6) Aniline	7.805	93	427012	34.82	ng	# 89
8) 2-Chlorophenol	8.075	128	386561	49.66	ng	85
9) Benzaldehyde	7.605	77	127060	20.63	ng	# 83
10) Phenol	7.687	94	508610	48.34	ng	85
11) bis(2-Chloroethyl)ether	7.887	93	391592	46.90	ng	93
12) 1,3-Dichlorobenzene	8.405	146	454620	45.29	ng	# 94
13) 1,4-Dichlorobenzene	8.546	146	462015	45.57	ng	95
14) 1,2-Dichlorobenzene	8.881	146	441177	45.92	ng	95
15) Benzyl Alcohol	8.740	79	375123	44.42	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	9.034	45	363289	43.91	ng	97
17) 2-Methylphenol	8.963	107	338139	48.52	ng	# 92
18) Hexachloroethane	9.634	117	169988	43.50	ng	93
19) n-Nitroso-di-n-propyla...	9.311	70	293377	43.46	ng	# 87
20) 3+4-Methylphenols	9.287	107	447336	47.68	ng	94
22) Acetophenone	9.328	105	600778	43.44	ng	# 90
24) Nitrobenzene	9.722	77	452031	42.03	ng	# 82
25) Isophorone	10.246	82	792384	44.02	ng	# 90
26) 2-Nitrophenol	10.446	139	204498	50.91	ng	# 71
27) 2,4-Dimethylphenol	10.505	122	344984	54.69	ng	# 85
28) bis(2-Chloroethoxy)met...	10.716	93	487253	42.43	ng	98
29) 2,4-Dichlorophenol	10.999	162	387734	46.86	ng	96
30) 1,2,4-Trichlorobenzene	11.222	180	453408	42.75	ng	99
31) Naphthalene	11.405	128	1141069	44.79	ng	100
32) Benzoic acid	10.652	122	193798	44.24	ng	# 72
33) 4-Chloroaniline	11.487	127	247412	23.57	ng	# 88
34) Hexachlorobutadiene	11.716	225	321003	40.11	ng	100
35) Caprolactam	12.222	113	109576	45.22	ng	# 66
36) 4-Chloro-3-methylphenol	12.593	107	407657	45.41	ng	84
37) 2-Methylnaphthalene	12.975	142	821752	44.45	ng	97
38) 1-Methylnaphthalene	13.187	142	770840	44.11	ng	97
40) 1,2,4,5-Tetrachloroben...	13.346	216	541501	46.31	ng	97
41) Hexachlorocyclopentadiene	13.340	237	771219	113.94	ng	100
43) 2,4,6-Trichlorophenol	13.569	196	330103	47.45	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.646	196	345610	47.82	ng		97
46) 1,1'-Biphenyl	13.951	154	1061672	46.12	ng		99
47) 2-Chloronaphthalene	13.999	162	846490	43.97	ng		99
48) 2-Nitroaniline	14.175	65	234488	41.24	ng	#	65
49) Acenaphthylene	14.840	152	1268688	46.16	ng		100
50) Dimethylphthalate	14.534	163	1056685	43.56	ng		99
51) 2,6-Dinitrotoluene	14.651	165	235693	47.77	ng	#	74
52) Acenaphthene	15.181	154	922094	49.71	ng	#	83
53) 3-Nitroaniline	14.981	138	150015	30.97	ng	#	69
54) 2,4-Dinitrophenol	15.187	184	242711	86.40	ng	#	1
55) Dibenzofuran	15.504	168	1275347	45.47	ng		99
56) 4-Nitrophenol	15.298	139	351064	96.86	ng	#	59
57) 2,4-Dinitrotoluene	15.434	165	319880	47.92	ng	#	75
58) Fluorene	16.145	166	1033571	45.68	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.734	232	330295	47.65	ng		90
60) Diethylphthalate	15.881	149	1028687	43.28	ng		97
61) 4-Chlorophenyl-phenyle...	16.122	204	601390	43.95	ng		93
62) 4-Nitroaniline	16.140	138	216230	40.25	ng	#	74
63) Azobenzene	16.416	77	941062	42.13	ng		91
65) 4,6-Dinitro-2-methylph...	16.204	198	181904	54.42	ng		93
66) n-Nitrosodiphenylamine	16.328	169	904595	47.92	ng		98
67) 4-Bromophenyl-phenylether	17.010	248	390161	45.96	ng		97
68) Hexachlorobenzene	17.175	284	446455	45.70	ng		96
69) Atrazine	17.257	200	292805	39.78	ng		95
70) Pentachlorophenol	17.504	266	520609	107.90	ng		99
71) Phenanthrene	17.875	178	1625818	46.14	ng		99
72) Anthracene	17.963	178	1658101	48.72	ng		99
73) Carbazole	18.210	167	1422695	46.99	ng		99
74) Di-n-butylphthalate	18.716	149	1673780	45.29	ng	#	99
75) Fluoranthene	19.792	202	1986619	45.89	ng		98
77) Benzidine	19.933	184	672865	45.00	ng		99
78) Pyrene	20.139	202	2002151	47.90	ng		99
80) Butylbenzylphthalate	20.945	149	706035	46.11	ng	#	82
81) Benzo(a)anthracene	21.839	228	1910203	45.91	ng		98
82) 3,3'-Dichlorobenzidine	21.739	252	471565	32.37	ng	#	99
83) Chrysene	21.892	228	1848253	46.86	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1036976	47.32	ng		98
85) Di-n-octyl phthalate	22.663	149	1715724	48.23	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.121	276	2185956	48.30	ng	#	93
88) Benzo(b)fluoranthene	23.645	252	1967618	44.72	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	1888229	44.96	ng	#	98
90) Benzo(a)pyrene	24.321	252	1730822	44.12	ng	#	97
91) Dibenzo(a,h)anthracene	27.121	278	1867502	49.36	ng	#	94
92) Benzo(g,h,i)perylene	27.951	276	1802330	51.40	ng	#	93

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

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