Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
Data File : BP003754.D
Acq On : 27 Oct 2020 14:45
Operator : CG/JU
Sample : PB132648BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132648BSD

Quant Time: Oct 27 15:23:37 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	8.510	152	138464	20.00	ng		0.00
21) Naphthalene-d8	11.357	136	497486	20.00	ng		# 0.00
39) Acenaphthene-d10	15.110	164	325289	20.00	ng		0.00
64) Phenanthrene-d10	17.833	188	723055	20.00	ng		0.00
76) Chrysene-d12	21.851	240	730695	20.00	ng		# 0.00
86) Perylene-d12	24.421	264	601067	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.011	112	929052	112.20	ng		0.00
7) Phenol-d6	7.663	99	1216054	103.94	ng		0.00
23) Nitrobenzene-d5	9.675	82	721029	61.31	ng		0.00
42) 2,4,6-Tribromophenol	16.586	330	546373	107.66	ng		0.00
45) 2-Fluorobiphenyl	13.740	172	1583617	62.94	ng		0.00
79) Terphenyl-d14	20.298	244	2564090	61.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.669	88	141512	40.00	ng	#	87
3) Pyridine	4.111	79	323562	32.34	ng		93
4) n-Nitrosodimethylamine	4.005	42	149125	34.94	ng	#	70
6) Aniline	7.805	93	413473	31.84	ng	#	89
8) 2-Chlorophenol	8.075	128	360430	43.72	ng		83
9) Benzaldehyde	7.605	77	93361	12.92	ng		84
10) Phenol	7.693	94	481586	43.23	ng		85
11) bis(2-Chloroethyl)ether	7.893	93	365534	41.34	ng		92
12) 1,3-Dichlorobenzene	8.405	146	418447	39.36	ng	#	93
13) 1,4-Dichlorobenzene	8.546	146	426937	39.77	ng	#	95
14) 1,2-Dichlorobenzene	8.881	146	405084	39.82	ng		96
15) Benzyl Alcohol	8.740	79	348088	38.92	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	9.034	45	335467	38.29	ng		99
17) 2-Methylphenol	8.963	107	315621	42.77	ng	#	92
18) Hexachloroethane	9.634	117	158413	38.29	ng		93
19) n-Nitroso-di-n-propyla...	9.310	70	279892	39.16	ng	#	88
20) 3+4-Methylphenols	9.287	107	425600	42.84	ng		94
22) Acetophenone	9.328	105	570430	39.18	ng	#	91
24) Nitrobenzene	9.716	77	431166	38.08	ng	#	78
25) Isophorone	10.246	82	764364	40.33	ng	#	90
26) 2-Nitrophenol	10.446	139	188974	44.69	ng	#	70
27) 2,4-Dimethylphenol	10.504	122	324282	48.83	ng		87
28) bis(2-Chloroethoxy)met...	10.716	93	464619	38.43	ng		96
29) 2,4-Dichlorophenol	10.999	162	363281	41.70	ng		96
30) 1,2,4-Trichlorobenzene	11.222	180	423645	37.94	ng		98
31) Naphthalene	11.404	128	1080487	40.29	ng		100
32) Benzoic acid	10.651	122	181597	39.93	ng	#	72
33) 4-Chloroaniline	11.487	127	279559	25.29	ng	#	87
34) Hexachlorobutadiene	11.716	225	298913	35.48	ng		99
35) Caprolactam	12.216	113	103669	40.64	ng	#	68
36) 4-Chloro-3-methylphenol	12.593	107	390335	41.30	ng	#	83
37) 2-Methylnaphthalene	12.969	142	779979	40.08	ng	#	96
38) 1-Methylnaphthalene	13.187	142	727717	39.56	ng		98
40) 1,2,4,5-Tetrachloroben...	13.345	216	509892	39.58	ng		99
41) Hexachlorocyclopentadiene	13.340	237	556686	74.64	ng		99
43) 2,4,6-Trichlorophenol	13.563	196	311345	40.62	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.645	196	331583	41.64	ng		95
46) 1,1'-Biphenyl	13.945	154	1014398	39.99	ng		98
47) 2-Chloronaphthalene	13.998	162	811767	38.27	ng		99
48) 2-Nitroaniline	14.175	65	226361	36.14	ng	#	66
49) Acenaphthylene	14.834	152	1200222	39.63	ng		100
50) Dimethylphthalate	14.534	163	1005718	37.63	ng		99
51) 2,6-Dinitrotoluene	14.651	165	223626	41.13	ng	#	77
52) Acenaphthene	15.175	154	878463	42.98	ng		86
53) 3-Nitroaniline	14.981	138	146627	27.48	ng	#	69
54) 2,4-Dinitrophenol	15.181	184	224263	73.23	ng	#	1
55) Dibenzofuran	15.498	168	1219105	39.45	ng		99
56) 4-Nitrophenol	15.292	139	348327	87.23	ng	#	55
57) 2,4-Dinitrotoluene	15.434	165	305778	41.57	ng	#	76
58) Fluorene	16.145	166	990017	39.71	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.734	232	310848	40.70	ng		91
60) Diethylphthalate	15.881	149	980141	37.43	ng		98
61) 4-Chlorophenyl-phenyle...	16.122	204	570578	37.85	ng		92
62) 4-Nitroaniline	16.134	138	200957	33.95	ng	#	70
63) Azobenzene	16.410	77	907803	36.88	ng		89
65) 4,6-Dinitro-2-methylph...	16.204	198	166814	43.76	ng		92
66) n-Nitrosodiphenylamine	16.328	169	857600	39.84	ng		99
67) 4-Bromophenyl-phenylether	17.010	248	369161	38.13	ng		95
68) Hexachlorobenzene	17.175	284	423764	38.04	ng		95
69) Atrazine	17.251	200	277425	33.05	ng		95
70) Pentachlorophenol	17.498	266	496178	90.18	ng		99
71) Phenanthrene	17.875	178	1551243	38.61	ng		99
72) Anthracene	17.963	178	1578771	40.68	ng		99
73) Carbazole	18.204	167	1373597	39.79	ng		98
74) Di-n-butylphthalate	18.710	149	1605761	38.10	ng	#	98
75) Fluoranthene	19.786	202	1932072	39.14	ng		99
77) Benzidine	19.927	184	488840	27.92	ng		99
78) Pyrene	20.133	202	1951372	39.87	ng		99
80) Butylbenzylphthalate	20.939	149	701876	39.15	ng	#	83
81) Benzo(a)anthracene	21.833	228	1926106	39.54	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	609265	35.71	ng	#	98
83) Chrysene	21.886	228	1855792	40.18	ng		98
84) Bis(2-ethylhexyl)phtha...	21.692	149	1020522	39.77	ng		97
85) Di-n-octyl phthalate	22.657	149	1710813	41.08	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.109	276	2200187	51.00	ng	#	92
88) Benzo(b)fluoranthene	23.639	252	2049445	48.87	ng	#	97
89) Benzo(k)fluoranthene	23.686	252	1855970	46.37	ng	#	97
90) Benzo(a)pyrene	24.310	252	1715655	45.88	ng	#	96
91) Dibenzo(a,h)anthracene	27.109	278	1891619	52.46	ng	#	94
92) Benzo(g,h,i)perylene	27.939	276	1860694	55.67	ng	#	92

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

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