Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007971.D
Acq On : 13 Nov 2021 17:22
Operator : CG/JU
Sample : PB140688BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB140688BL

Quant Time: Nov 15 05:42:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	120489	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	440851	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	317935	20.000	ng		0.00
64) Phenanthrene-d10	17.234	188	747401	20.000	ng		0.00
76) Chrysene-d12	21.328	240	943785	20.000	ng		0.00
86) Perylene-d12	23.739	264	1063048	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1052900	141.759	ng		0.00
7) Phenol-d6	7.022	99	1296008	131.162	ng		0.00
23) Nitrobenzene-d5	8.999	82	728864	88.475	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	723058	144.545	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	1906006	84.092	ng		0.00
79) Terphenyl-d14	19.804	244	3832630	82.344	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	68	0.022	ng	#	1
3) Pyridine	3.734	79	107	0.012	ng	#	1
4) n-Nitrosodimethylamine	3.646	42	129	0.039	ng	#	1
6) Aniline	7.164	93	409	0.037	ng	#	44
8) 2-Chlorophenol	7.334	128	8	0.001	ng		95
9) Benzaldehyde	6.958	77	116	Below Cal		#	22
10) Phenol	7.175	94	67	0.007	ng		83
11) bis(2-Chloroethyl)ether	7.393	93	36	0.005	ng		95
12) 1,3-Dichlorobenzene	7.722	146	12	0.001	ng	#	56
13) 1,4-Dichlorobenzene	7.722	146	12	0.001	ng		90
14) 1,2-Dichlorobenzene	8.187	146	18	0.002	ng	#	83
15) Benzyl Alcohol	8.075	79	116	0.016	ng	#	34
17) 2-Methylphenol	8.281	107	16	0.002	ng	#	1
18) Hexachloroethane	8.946	117	42	0.014	ng	#	25
19) n-Nitroso-di-n-propyla...	8.658	70	25	0.004	ng	#	1
20) 3+4-Methylphenols	8.640	107	56	0.006	ng	#	1
22) Acetophenone	8.669	105	38	0.003	ng	#	1
24) Nitrobenzene	9.005	77	2733	0.347	ng	#	44
25) Isophorone	9.587	82	19	0.001	ng	#	57
26) 2-Nitrophenol	9.716	139	23	0.006	ng		96
27) 2,4-Dimethylphenol	9.846	122	28	0.005	ng	#	66
28) bis(2-Chloroethoxy)met...	10.022	93	53	0.006	ng	#	48
29) 2,4-Dichlorophenol	10.334	162	53	0.007	ng		73
30) 1,2,4-Trichlorobenzene	10.493	180	18	0.002	ng	#	22
31) Naphthalene	10.699	128	16	0.001	ng	#	26
32) Benzoic acid	9.993	122	33	0.006	ng	#	1
33) 4-Chloroaniline	10.816	127	16	0.002	ng	#	1
34) Hexachlorobutadiene	10.969	225	17	0.003	ng	#	22
35) Caprolactam	11.616	113	27	0.017	ng	#	75
36) 4-Chloro-3-methylphenol	11.946	107	34	0.004	ng		87
37) 2-Methylnaphthalene	12.310	142	23	0.001	ng	#	1
38) 1-Methylnaphthalene	12.516	142	17	0.001	ng	#	38
40) 1,2,4,5-Tetrachloroben...	12.663	216	14	0.001	ng	#	21
43) 2,4,6-Trichlorophenol	12.916	196	6	0.001	ng	#	9
44) 2,4,5-Trichlorophenol	12.981	196	8	0.001	ng	#	42
46) 1,1'-Biphenyl	13.104	154	3903	0.164	ng	#	1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.375	162	89	0.005	ng	#	81
48) 2-Nitroaniline	13.587	65	76	0.014	ng	#	20
49) Acenaphthylene	14.198	152	174	0.006	ng	#	90
50) Dimethylphthalate	13.928	163	42	0.002	ng	#	74
51) 2,6-Dinitrotoluene	13.787	165	20	0.004	ng		91
52) Acenaphthene	14.481	154	1264	0.075	ng	#	5
53) 3-Nitroaniline	14.404	138	10	0.002	ng	#	28
54) 2,4-Dinitrophenol	14.581	184	3	0.001	ng	#	1
55) Dibenzofuran	14.893	168	24	0.001	ng	#	80
56) 4-Nitrophenol	14.598	139	6	0.001	ng		88
57) 2,4-Dinitrotoluene	14.857	165	52	0.007	ng	#	29
58) Fluorene	15.534	166	24	0.001	ng	#	42
59) 2,3,4,6-Tetrachlorophenol	15.116	232	7	0.001	ng	#	1
60) Diethylphthalate	15.310	149	121	0.005	ng	#	77
61) 4-Chlorophenyl-phenyle...	15.534	204	17	0.001	ng	#	46
62) 4-Nitroaniline	15.357	138	10	0.002	ng		91
63) Azobenzene	15.798	77	106	0.005	ng		82
65) 4,6-Dinitro-2-methylph...	15.616	198	9	0.002	ng	#	1
66) n-Nitrosodiphenylamine	15.975	169	21441	1.002	ng	#	50
67) 4-Bromophenyl-phenylether	16.434	248	28	0.003	ng	#	1
68) Hexachlorobenzene	16.563	284	56	0.006	ng	#	90
69) Atrazine	16.640	200	18	0.003	ng		86
70) Pentachlorophenol	16.892	266	172	0.029	ng	#	1
71) Phenanthrene	17.287	178	207	0.005	ng		98
72) Anthracene	17.287	178	209	0.005	ng		97
73) Carbazole	17.628	167	32	0.001	ng	#	24
74) Di-n-butylphthalate	18.186	149	122	0.003	ng	#	93
75) Fluoranthene	19.322	202	15	0.000	ng		71
77) Benzidine	19.445	184	1818	0.126	ng	#	85
78) Pyrene	19.804	202	15696	0.278	ng	#	71
80) Butylbenzylphthalate	20.480	149	210	0.009	ng	#	45
81) Benzo(a)anthracene	21.328	228	3376	0.054	ng	#	73
82) 3,3'-Dichlorobenzidine	21.257	252	902	0.031	ng	#	75
83) Chrysene	21.363	228	1132	0.019	ng	#	74
84) Bis(2-ethylhexyl)phtha...	21.245	149	430	0.013	ng	#	71
85) Di-n-octyl phthalate	22.151	149	478	0.008	ng	#	78
87) Indeno(1,2,3-cd)pyrene	26.274	276	2234	0.029	ng		97
88) Benzo(b)fluoranthene	22.998	252	2293	0.036	ng	#	47
89) Benzo(k)fluoranthene	23.057	252	1720	0.027	ng	#	1
90) Benzo(a)pyrene	23.633	252	1324	0.024	ng	#	6
91) Dibenzo(a,h)anthracene	26.263	278	857	0.013	ng	#	30
92) Benzo(g,h,i)perylene	27.021	276	756	0.012	ng	#	79

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

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