Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012722\
Data File : BP008945.D
Acq On : 27 Jan 2022 13:45
Operator : CG/JU
Sample : PB142303BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB142303BS

Quant Time: Jan 28 02:17:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	319753	20.000	ng		-0.01
21) Naphthalene-d8	10.634	136	1200314	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	726369	20.000	ng		0.00
64) Phenanthrene-d10	17.228	188	1325689	20.000	ng		-0.01
76) Chrysene-d12	21.322	240	968062	20.000	ng		-0.01
86) Perylene-d12	23.727	264	951246	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2321940	112.296	ng		0.00
7) Phenol-d6	7.016	99	2790015	111.428	ng		0.00
23) Nitrobenzene-d5	8.993	82	1704747	80.633	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1141471	107.960	ng		-0.01
45) 2-Fluorobiphenyl	13.099	172	4215950	76.541	ng		0.00
79) Terphenyl-d14	19.792	244	4902454	85.481	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	236123	28.213	ng	#	96
3) Pyridine	3.728	79	557209	31.789	ng		96
4) n-Nitrosodimethylamine	3.634	42	322636	39.232	ng	#	85
6) Aniline	7.158	93	966484	30.926	ng		98
8) 2-Chlorophenol	7.399	128	907811	41.224	ng		98
9) Benzaldehyde	6.969	77	463831	27.717	ng		96
10) Phenol	7.040	94	1067456	41.817	ng		94
11) bis(2-Chloroethyl)ether	7.258	93	805804	39.675	ng		98
12) 1,3-Dichlorobenzene	7.722	146	982553	37.467	ng		99
13) 1,4-Dichlorobenzene	7.863	146	1009314	37.975	ng		98
14) 1,2-Dichlorobenzene	8.181	146	969522	38.256	ng		99
15) Benzyl Alcohol	8.075	79	721474	41.072	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	889389	39.158	ng		99
17) 2-Methylphenol	8.287	107	705021	41.226	ng		96
18) Hexachloroethane	8.910	117	342447	37.961	ng		98
19) n-Nitroso-di-n-propyla...	8.646	70	580515	39.662	ng		96
20) 3+4-Methylphenols	8.616	107	941651	41.478	ng		98
22) Acetophenone	8.658	105	1242013	40.619	ng	#	97
24) Nitrobenzene	9.034	77	880238	41.218	ng		97
25) Isophorone	9.563	82	1530542	40.058	ng		98
26) 2-Nitrophenol	9.746	139	475699	42.370	ng		94
27) 2,4-Dimethylphenol	9.816	122	776501	40.564	ng		99
28) bis(2-Chloroethoxy)met...	10.046	93	984185	39.474	ng		99
29) 2,4-Dichlorophenol	10.293	162	855911	40.973	ng		99
30) 1,2,4-Trichlorobenzene	10.499	180	954458	39.006	ng		100
31) Naphthalene	10.681	128	2581126	39.592	ng		100
32) Benzoic acid	10.010	122	536439	48.830	ng		99
33) 4-Chloroaniline	10.799	127	488074	18.371	ng		98
34) Hexachlorobutadiene	10.969	225	587931	38.457	ng		100
35) Caprolactam	11.599	113	235725	40.935	ng		93
36) 4-Chloro-3-methylphenol	11.940	107	783670	41.584	ng		99
37) 2-Methylnaphthalene	12.293	142	1875064	39.343	ng		98
38) 1-Methylnaphthalene	12.516	142	1721252	39.347	ng		100
40) 1,2,4,5-Tetrachloroben...	12.669	216	1068188	40.333	ng		99
41) Hexachlorocyclopentadiene	12.646	237	1044006	77.039	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	681014	41.589	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	726881	41.244	ng		98
46) 1,1'-Biphenyl	13.304	154	2383143	40.326	ng		100
47) 2-Chloronaphthalene	13.346	162	1829209	40.142	ng		99
48) 2-Nitroaniline	13.557	65	443989	43.882	ng		96
49) Acenaphthylene	14.193	152	2797289	40.631	ng		100
50) Dimethylphthalate	13.934	163	2154625	39.940	ng		100
51) 2,6-Dinitrotoluene	14.051	165	481417	42.077	ng		92
52) Acenaphthene	14.540	154	1661768	40.697	ng		99
53) 3-Nitroaniline	14.387	138	293789	26.110	ng		99
54) 2,4-Dinitrophenol	14.604	184	441807	95.481	ng		97
55) Dibenzofuran	14.875	168	2670381	40.134	ng		98
56) 4-Nitrophenol	14.716	139	690649	85.237	ng		94
57) 2,4-Dinitrotoluene	14.845	165	638810	43.408	ng	#	89
58) Fluorene	15.522	166	2132807	40.584	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	595697	41.033	ng	#	88
60) Diethylphthalate	15.298	149	2013990	39.346	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1138336	39.763	ng		98
62) 4-Nitroaniline	15.551	138	434186	39.842	ng		92
63) Azobenzene	15.810	77	1751187	41.208	ng		93
65) 4,6-Dinitro-2-methylph...	15.616	198	303366	45.803	ng		92
66) n-Nitrosodiphenylamine	15.734	169	1823812	42.746	ng		100
67) 4-Bromophenyl-phenylether	16.416	248	688876	41.615	ng		99
68) Hexachlorobenzene	16.540	284	778266	41.028	ng		99
69) Atrazine	16.692	200	630013	39.735	ng		99
70) Pentachlorophenol	16.887	266	874898	86.587	ng		99
71) Phenanthrene	17.269	178	3093697	41.448	ng		100
72) Anthracene	17.363	178	3166575	42.290	ng		100
73) Carbazole	17.639	167	2693618	41.838	ng		99
74) Di-n-butylphthalate	18.186	149	3078706	39.735	ng		99
75) Fluoranthene	19.239	202	3250343	39.159	ng		97
77) Benzidine	19.422	184	1079475	31.564	ng		98
78) Pyrene	19.592	202	3274216	48.473	ng		98
80) Butylbenzylphthalate	20.469	149	1115718	41.070	ng		99
81) Benzo(a)anthracene	21.304	228	2699462	41.449	ng		98
82) 3,3'-Dichlorobenzidine	21.239	252	831837	29.565	ng		99
83) Chrysene	21.357	228	2619033	41.484	ng		98
84) Bis(2-ethylhexyl)phtha...	21.233	149	1523065	36.203	ng		97
85) Di-n-octyl phthalate	22.157	149	2341153	32.896	ng		99
87) Indeno(1,2,3-cd)pyrene	26.251	276	3688451	47.056	ng		98
88) Benzo(b)fluoranthene	22.998	252	2604780	41.003	ng		99
89) Benzo(k)fluoranthene	23.045	252	2622798	42.652	ng		98
90) Benzo(a)pyrene	23.621	252	2622580	42.770	ng		98
91) Dibenzo(a,h)anthracene	26.263	278	3125612	46.895	ng		99
92) Benzo(g,h,i)perylene	27.021	276	3119454	47.935	ng		98

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

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