Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090222\
Data File : BP011615.D
Acq On : 02 Sep 2022 16:55
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP090222

Quant Time: Sep 03 04:22:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 03 04:07:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	576936	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	2313826	20.000	ng	#	0.00
39) Acenaphthene-d10	14.616	164	1415391	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	2895794	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2758092	20.000	ng		0.00
86) Perylene-d12	23.921	264	2781064	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2579302	79.069	ng		0.00
7) Phenol-d6	7.128	99	3475031	80.507	ng		0.00
23) Nitrobenzene-d5	9.140	82	3035650	80.533	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1363230	85.246	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	7563746	76.418	ng		0.00
79) Terphenyl-d14	19.922	244	10819756	82.165	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	493879	38.469	ng	#	80
3) Pyridine	3.805	79	1438388	41.145	ng	#	76
4) n-Nitrosodimethylamine	3.717	42	566642	38.811	ng	#	48
6) Aniline	7.299	93	2015467	40.645	ng		89
8) 2-Chlorophenol	7.534	128	1478669	39.642	ng		88
9) Benzaldehyde	7.105	77	971771	38.351	ng		88
10) Phenol	7.152	94	1812045	40.144	ng		82
11) bis(2-Chloroethyl)ether	7.393	93	1397684	39.398	ng		90
12) 1,3-Dichlorobenzene	7.864	146	1650532	38.682	ng	#	92
13) 1,4-Dichlorobenzene	8.011	146	1685769	38.755	ng		96
14) 1,2-Dichlorobenzene	8.328	146	1604661	38.838	ng		96
15) Benzyl Alcohol	8.211	79	1199752	41.559	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.511	45	1765781	38.617	ng		92
17) 2-Methylphenol	8.411	107	1210852	40.584	ng	#	91
18) Hexachloroethane	9.063	117	578448	39.495	ng		97
19) n-Nitroso-di-n-propyla...	8.787	70	1040040	41.375	ng	#	82
20) 3+4-Methylphenols	8.740	107	1683973	41.646	ng		92
22) Acetophenone	8.799	105	2173057	38.854	ng	#	86
24) Nitrobenzene	9.181	77	1537263	39.493	ng	#	87
25) Isophorone	9.710	82	2782194	40.939	ng	#	93
26) 2-Nitrophenol	9.899	139	646112	38.866	ng	#	79
27) 2,4-Dimethylphenol	9.952	122	1202579	40.811	ng		89
28) bis(2-Chloroethoxy)met...	10.199	93	1673887	39.375	ng		98
29) 2,4-Dichlorophenol	10.428	162	1405433	40.902	ng		94
30) 1,2,4-Trichlorobenzene	10.652	180	1550287	38.449	ng		98
31) Naphthalene	10.840	128	4767672	38.531	ng		99
32) Benzoic acid	10.081	122	782361	40.683	ng	#	85
33) 4-Chloroaniline	10.946	127	1947116	39.889	ng	#	90
34) Hexachlorobutadiene	11.128	225	923124	38.479	ng		98
35) Caprolactam	11.722	113	425361	42.963	ng	#	68
36) 4-Chloro-3-methylphenol	12.057	107	1412297	41.713	ng		89
37) 2-Methylnaphthalene	12.446	142	3331319	39.547	ng		97
38) 1-Methylnaphthalene	12.663	142	3251441	39.627	ng		98
40) 1,2,4,5-Tetrachloroben...	12.810	216	1697936	38.195	ng		98
41) Hexachlorocyclopentadiene	12.793	237	851483	40.516	ng		100
43) 2,4,6-Trichlorophenol	13.046	196	1110497	41.742	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	1234854	40.661	ng		95
46) 1,1'-Biphenyl	13.451	154	4166993	38.329	ng		99
47) 2-Chloronaphthalene	13.493	162	3242067	38.364	ng		97
48) 2-Nitroaniline	13.687	65	846004	39.339	ng	#	79
49) Acenaphthylene	14.334	152	5086463	39.230	ng		98
50) Dimethylphthalate	14.075	163	4050278	39.306	ng		100
51) 2,6-Dinitrotoluene	14.187	165	847899	42.572	ng	#	79
52) Acenaphthene	14.681	154	3294873	39.252	ng		97
53) 3-Nitroaniline	14.516	138	946086	42.829	ng		85
54) 2,4-Dinitrophenol	14.716	184	302972	40.402	ng	#	82
55) Dibenzofuran	15.016	168	4896013	38.712	ng		96
56) 4-Nitrophenol	14.810	139	754942	42.487	ng	#	69
57) 2,4-Dinitrotoluene	14.969	165	1115248	39.770	ng	#	81
58) Fluorene	15.663	166	4060200	39.205	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	1084285	42.305	ng		96
60) Diethylphthalate	15.440	149	4009887	40.020	ng		99
61) 4-Chlorophenyl-phenyle...	15.657	204	2005826	39.283	ng		93
62) 4-Nitroaniline	15.681	138	976480	39.896	ng	#	77
63) Azobenzene	15.951	77	3576845	40.152	ng		88
65) 4,6-Dinitro-2-methylph...	15.734	198	467696	38.854	ng	#	82
66) n-Nitrosodiphenylamine	15.869	169	3402839	38.632	ng		97
67) 4-Bromophenyl-phenylether	16.557	248	1225993	38.954	ng		94
68) Hexachlorobenzene	16.669	284	1447226	38.968	ng		90
69) Atrazine	16.828	200	1069122	40.830	ng		99
70) Pentachlorophenol	17.010	266	838486	41.531	ng		99
71) Phenanthrene	17.410	178	6215683	38.468	ng		97
72) Anthracene	17.504	178	6019323	39.324	ng		98
73) Carbazole	17.769	167	5597539	39.525	ng		98
74) Di-n-butylphthalate	18.328	149	6708895	41.965	ng	#	98
75) Fluoranthene	19.369	202	7069524	39.688	ng		97
77) Benzidine	19.545	184	2463984	46.739	ng		98
78) Pyrene	19.722	202	7275743	39.687	ng		97
80) Butylbenzylphthalate	20.598	149	2831213	39.320	ng		88
81) Benzo(a)anthracene	21.433	228	7145063	39.464	ng		96
82) 3,3'-Dichlorobenzidine	21.357	252	2564128	43.414	ng		99
83) Chrysene	21.486	228	6708116	39.157	ng		97
84) Bis(2-ethylhexyl)phtha...	21.363	149	4326241	40.392	ng		98
85) Di-n-octyl phthalate	22.316	149	6969875	41.978	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.515	276	8449373	39.928	ng		98
88) Benzo(b)fluoranthene	23.163	252	7040254	40.352	ng		99
89) Benzo(k)fluoranthene	23.216	252	6845211	38.032	ng		98
90) Benzo(a)pyrene	23.810	252	5765978	39.997	ng		98
91) Dibenzo(a,h)anthracene	26.545	278	7051619	39.722	ng		99
92) Benzo(g,h,i)perylene	27.315	276	6791573	39.794	ng		98

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

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