Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008888.D
Acq On : 24 Jan 2022 15:54
Operator : CG/JU
Sample : N1188-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11940MSD

Quant Time: Jan 25 04:11:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	364223	20.000	ng		-0.01
21) Naphthalene-d8	10.646	136	1409634	20.000	ng		-0.01
39) Acenaphthene-d10	14.486	164	891433	20.000	ng		-0.01
64) Phenanthrene-d10	17.245	188	1722600	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1293275	20.000	ng		0.00
86) Perylene-d12	23.757	264	1335492	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2859267	121.399	ng		0.00
7) Phenol-d6	7.034	99	3378349	118.452	ng		0.00
23) Nitrobenzene-d5	9.010	82	2343080	94.368	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1817138	140.041	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	5913837	87.486	ng		-0.01
79) Terphenyl-d14	19.804	244	7650100	99.847	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	328977	34.509	ng	#	45
3) Pyridine	3.758	79	585050	29.302	ng		97
4) n-Nitrosodimethylamine	3.658	42	424810	45.349	ng		88
6) Aniline	7.175	93	407788	11.455	ng		97
8) 2-Chlorophenol	7.416	128	1227199	48.923	ng		98
9) Benzaldehyde	6.987	77	99473	5.218	ng		99
10) Phenol	7.057	94	1313821	45.185	ng		96
11) bis(2-Chloroethyl)ether	7.275	93	1115359	48.212	ng		98
12) 1,3-Dichlorobenzene	7.740	146	1301892	43.582	ng		99
13) 1,4-Dichlorobenzene	7.881	146	1332647	44.018	ng		99
14) 1,2-Dichlorobenzene	8.199	146	1287999	44.617	ng		99
15) Benzyl Alcohol	8.093	79	1009322	50.444	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1230398	47.558	ng		99
17) 2-Methylphenol	8.304	107	961154	49.341	ng		97
18) Hexachloroethane	8.928	117	443799	43.189	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	835280	50.101	ng		97
20) 3+4-Methylphenols	8.634	107	1281578	49.559	ng		99
22) Acetophenone	8.675	105	1751982	48.789	ng	#	97
24) Nitrobenzene	9.052	77	1236094	49.286	ng		97
25) Isophorone	9.581	82	2263726	50.450	ng		98
26) 2-Nitrophenol	9.763	139	667205	50.603	ng		95
27) 2,4-Dimethylphenol	9.834	122	1115887	49.637	ng		99
28) bis(2-Chloroethoxy)met...	10.063	93	1443173	49.288	ng		100
29) 2,4-Dichlorophenol	10.304	162	1244286	50.720	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	1338053	46.563	ng		99
31) Naphthalene	10.698	128	3619111	47.270	ng		100
32) Benzoic acid	10.034	122	817478	63.363	ng		97
33) 4-Chloroaniline	10.822	127	171597	5.500	ng		97
34) Hexachlorobutadiene	10.987	225	833817	46.442	ng		99
35) Caprolactam	11.628	113	319106	47.186	ng		94
36) 4-Chloro-3-methylphenol	11.957	107	1164660	52.623	ng		99
37) 2-Methylnaphthalene	12.310	142	2748475	49.106	ng		97
38) 1-Methylnaphthalene	12.534	142	2523023	49.111	ng		100
40) 1,2,4,5-Tetrachloroben...	12.681	216	1571562	48.352	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1118097	67.229	ng		100
43) 2,4,6-Trichlorophenol	12.928	196	1033789	51.442	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	1125128	52.019	ng		98
46) 1,1'-Biphenyl	13.322	154	3559097	49.073	ng		100
47) 2-Chloronaphthalene	13.363	162	2692570	48.147	ng		99
48) 2-Nitroaniline	13.569	65	684190	55.101	ng		96
49) Acenaphthylene	14.210	152	4160470	49.242	ng		99
50) Dimethylphthalate	13.951	163	3412486	51.544	ng		99
51) 2,6-Dinitrotoluene	14.069	165	756274	53.861	ng		95
52) Acenaphthene	14.551	154	2515597	50.200	ng		99
53) 3-Nitroaniline	14.398	138	438993	31.790	ng		98
54) 2,4-Dinitrophenol	14.610	184	540215	95.130	ng		94
55) Dibenzofuran	14.886	168	4072661	49.876	ng		98
56) 4-Nitrophenol	14.728	139	1113219	111.950	ng		93
57) 2,4-Dinitrotoluene	14.863	165	1022306	56.604	ng		94
58) Fluorene	15.539	166	3271311	50.721	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.122	232	941019	52.817	ng	#	87
60) Diethylphthalate	15.316	149	3334345	53.079	ng		100
61) 4-Chlorophenyl-phenyle...	15.534	204	1792782	51.027	ng		100
62) 4-Nitroaniline	15.569	138	691438	51.700	ng		92
63) Azobenzene	15.828	77	2745720	52.647	ng		96
65) 4,6-Dinitro-2-methylph...	15.628	198	357656	41.557	ng		94
66) n-Nitrosodiphenylamine	15.751	169	2872865	51.818	ng		100
67) 4-Bromophenyl-phenylether	16.428	248	1127830	52.433	ng		97
68) Hexachlorobenzene	16.551	284	1245562	50.533	ng		97
69) Atrazine	16.710	200	938542	45.555	ng		99
70) Pentachlorophenol	16.904	266	1522316	115.947	ng		99
71) Phenanthrene	17.286	178	4892553	50.445	ng		99
72) Anthracene	17.380	178	4925948	50.629	ng		99
73) Carbazole	17.651	167	4314986	51.578	ng		99
74) Di-n-butylphthalate	18.204	149	5573232	55.357	ng		99
75) Fluoranthene	19.257	202	5150649	47.755	ng		97
77) Benzidine	19.433	184	912537	19.973	ng		98
78) Pyrene	19.610	202	5077362	56.266	ng		99
80) Butylbenzylphthalate	20.480	149	2122450	58.481	ng		98
81) Benzo(a)anthracene	21.321	228	4403137	50.607	ng		99
82) 3,3'-Dichlorobenzidine	21.251	252	1121269	29.830	ng		99
83) Chrysene	21.374	228	4292396	50.892	ng		98
84) Bis(2-ethylhexyl)phtha...	21.251	149	3084480	54.880	ng		99
85) Di-n-octyl phthalate	22.174	149	4825391	50.753	ng		100
87) Indeno(1,2,3-cd)pyrene	26.292	276	5721760	51.994	ng		98
88) Benzo(b)fluoranthene	23.021	252	4757839	53.346	ng		99
89) Benzo(k)fluoranthene	23.068	252	4412172	51.107	ng		99
90) Benzo(a)pyrene	23.651	252	4507510	52.360	ng		99
91) Dibenzo(a,h)anthracene	26.304	278	4850840	51.839	ng		99
92) Benzo(g,h,i)perylene	27.062	276	4698171	51.423	ng		99

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

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