Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012022\
Data File : BP008870.D
Acq On : 20 Jan 2022 15:52
Operator : CG/JU
Sample : PB142160BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB142160BS

Quant Time: Jan 21 03:36:06 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	7.852	152	372934	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	1447332	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	908088	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1794510	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1643481	20.000	ng		0.00
86) Perylene-d12	23.751	264	1488272	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2934433	121.680	ng		0.00
7) Phenol-d6	7.034	99	3564466	122.058	ng		0.00
23) Nitrobenzene-d5	9.010	82	2178020	85.436	ng		0.00
42) 2,4,6-Tribromophenol	15.987	330	1672737	126.548	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	5561419	80.764	ng		0.00
79) Terphenyl-d14	19.810	244	7961378	81.767	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	284703	29.167	ng		97
3) Pyridine	3.740	79	705328	34.501	ng		98
4) n-Nitrosodimethylamine	3.652	42	397903	41.484	ng		88
6) Aniline	7.175	93	1274092	34.955	ng		97
8) 2-Chlorophenol	7.416	128	1145845	44.613	ng		98
9) Benzaldehyde	6.987	77	597414	30.608	ng		97
10) Phenol	7.058	94	1347692	45.267	ng		95
11) bis(2-Chloroethyl)ether	7.275	93	1019714	43.048	ng		99
12) 1,3-Dichlorobenzene	7.740	146	1224147	40.023	ng		98
13) 1,4-Dichlorobenzene	7.887	146	1259092	40.617	ng		99
14) 1,2-Dichlorobenzene	8.205	146	1209570	40.922	ng		99
15) Benzyl Alcohol	8.093	79	921070	44.958	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1116054	42.131	ng		99
17) 2-Methylphenol	8.305	107	894579	44.851	ng		97
18) Hexachloroethane	8.928	117	431400	41.002	ng		99
19) n-Nitroso-di-n-propyla...	8.663	70	741412	43.432	ng		97
20) 3+4-Methylphenols	8.634	107	1196484	45.187	ng		98
22) Acetophenone	8.675	105	1592285	43.187	ng	#	97
24) Nitrobenzene	9.052	77	1121692	43.560	ng		95
25) Isophorone	9.587	82	1992278	43.244	ng		98
26) 2-Nitrophenol	9.763	139	605095	44.697	ng		93
27) 2,4-Dimethylphenol	9.834	122	1010713	43.788	ng		98
28) bis(2-Chloroethoxy)met...	10.063	93	1293102	43.012	ng		100
29) 2,4-Dichlorophenol	10.310	162	1117709	44.374	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	1219834	41.344	ng		100
31) Naphthalene	10.704	128	3286742	41.811	ng		100
32) Benzoic acid	10.028	122	701940	52.990	ng		98
33) 4-Chloroaniline	10.810	127	653415	20.397	ng		98
34) Hexachlorobutadiene	10.993	225	765855	41.545	ng		99
35) Caprolactam	11.622	113	318117	45.814	ng		94
36) 4-Chloro-3-methylphenol	11.951	107	1021507	44.953	ng		99
37) 2-Methylnaphthalene	12.316	142	2436069	42.391	ng		98
38) 1-Methylnaphthalene	12.534	142	2231459	42.304	ng		100
40) 1,2,4,5-Tetrachloroben...	12.687	216	1415685	42.757	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1571046	92.731	ng		99
43) 2,4,6-Trichlorophenol	12.928	196	913253	44.611	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	979689	44.464	ng		97
46) 1,1'-Biphenyl	13.328	154	3122088	42.258	ng		100
47) 2-Chloronaphthalene	13.369	162	2402538	42.173	ng		100
48) 2-Nitroaniline	13.569	65	591008	46.724	ng		94
49) Acenaphthylene	14.210	152	3684261	42.806	ng		100
50) Dimethylphthalate	13.957	163	2949750	43.737	ng		100
51) 2,6-Dinitrotoluene	14.069	165	653228	45.669	ng		91
52) Acenaphthene	14.557	154	2189275	42.887	ng		99
53) 3-Nitroaniline	14.398	138	444476	31.597	ng		98
54) 2,4-Dinitrophenol	14.616	184	624113	107.889	ng		96
55) Dibenzofuran	14.892	168	3560575	42.805	ng		98
56) 4-Nitrophenol	14.728	139	999196	98.640	ng		93
57) 2,4-Dinitrotoluene	14.863	165	883592	48.026	ng		91
58) Fluorene	15.539	166	2887666	43.952	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.122	232	828454	45.646	ng	#	87
60) Diethylphthalate	15.316	149	2837877	44.347	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	1572556	43.938	ng		99
62) 4-Nitroaniline	15.569	138	622859	45.718	ng		90
63) Azobenzene	15.828	77	2411201	45.385	ng		93
65) 4,6-Dinitro-2-methylph...	15.634	198	436573	48.694	ng		97
66) n-Nitrosodiphenylamine	15.751	169	2531487	43.831	ng		99
67) 4-Bromophenyl-phenylether	16.434	248	983843	43.906	ng		99
68) Hexachlorobenzene	16.551	284	1104038	42.996	ng		96
69) Atrazine	16.710	200	951016	44.310	ng		99
70) Pentachlorophenol	16.904	266	1332836	97.447	ng		99
71) Phenanthrene	17.286	178	4435401	43.899	ng		99
72) Anthracene	17.381	178	4544062	44.832	ng		99
73) Carbazole	17.651	167	3965535	45.502	ng		99
74) Di-n-butylphthalate	18.204	149	4793966	45.709	ng		99
75) Fluoranthene	19.257	202	5108455	45.466	ng		97
77) Benzidine	19.433	184	2040381	35.142	ng		98
78) Pyrene	19.610	202	5190809	45.266	ng		99
80) Butylbenzylphthalate	20.486	149	2079045	45.079	ng		98
81) Benzo(a)anthracene	21.322	228	4825387	43.642	ng		98
82) 3,3'-Dichlorobenzidine	21.251	252	1379538	28.881	ng		98
83) Chrysene	21.374	228	4658847	43.467	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	3067761	42.952	ng		99
85) Di-n-octyl phthalate	22.174	149	5227464	43.266	ng		100
87) Indeno(1,2,3-cd)pyrene	26.280	276	4761765	38.828	ng		98
88) Benzo(b)fluoranthene	23.016	252	4608848	46.371	ng		99
89) Benzo(k)fluoranthene	23.068	252	4576397	47.567	ng		99
90) Benzo(a)pyrene	23.651	252	4402869	45.895	ng		99
91) Dibenzo(a,h)anthracene	26.298	278	4041889	38.760	ng		99
92) Benzo(g,h,i)perylene	27.051	276	3808017	37.401	ng		100

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

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