Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
Data File : BP013833.D
Acq On : 16 Feb 2023 18:08
Operator : CG/JU
Sample : PB150892BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150892BSD

Quant Time: Feb 17 05:09:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 01:08:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	146781	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	579242	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	348533	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	714084	20.000	ng	0.00
76) Chrysene-d12	21.575	240	658973	20.000	ng	0.00
86) Perylene-d12	24.122	264	682332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	1360359	152.746	ng	0.00
7) Phenol-d6	7.264	99	1581162	138.623	ng	0.00
23) Nitrobenzene-d5	9.287	82	1035467	96.532	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	673938	132.835	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2370687	89.341	ng	0.00
79) Terphenyl-d14	20.028	244	3444865	100.579	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	136020	35.138	ng	100
3) Pyridine	3.911	79	373969	35.836	ng	98
4) n-Nitrosodimethylamine	3.817	42	178285	45.589	ng	93
6) Aniline	7.428	93	530692	35.808	ng	99
8) 2-Chlorophenol	7.669	128	486743	51.814	ng	98
9) Benzaldehyde	7.240	77	127748m	23.541	ng	
10) Phenol	7.293	94	523695	44.110	ng	96
11) bis(2-Chloroethyl)ether	7.522	93	465310	48.972	ng	97
12) 1,3-Dichlorobenzene	7.999	146	491443	46.525	ng	99
13) 1,4-Dichlorobenzene	8.146	146	499811	46.843	ng	98
14) 1,2-Dichlorobenzene	8.469	146	537038	53.919	ng	99
15) Benzyl Alcohol	8.352	79	365432m	45.664	ng	
16) 2,2'-oxybis(1-Chloropr...	8.646	45	544308m	53.630	ng	
17) 2-Methylphenol	8.552	107	402872	49.865	ng	98
18) Hexachloroethane	9.205	117	203468	54.439	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	347758	52.092	ng	98
20) 3+4-Methylphenols	8.881	107	524255	48.212	ng	99
22) Acetophenone	8.946	105	714500	48.905	ng	99
24) Nitrobenzene	9.328	77	523011	46.723	ng	99
25) Isophorone	9.858	82	888163	42.966	ng	98
26) 2-Nitrophenol	10.040	139	237847	45.259	ng	97
27) 2,4-Dimethylphenol	10.093	122	409492	47.368	ng	98
28) bis(2-Chloroethoxy)met...	10.334	93	588197	44.575	ng	100
29) 2,4-Dichlorophenol	10.575	162	436890	47.104	ng	99
30) 1,2,4-Trichlorobenzene	10.799	180	513615	47.191	ng	99
31) Naphthalene	10.987	128	1388095	43.709	ng	100
32) Benzoic acid	10.222	122	258994	39.053	ng	98
33) 4-Chloroaniline	11.093	127	242618	18.194	ng	98
34) Hexachlorobutadiene	11.269	225	343054	47.431	ng	98
35) Caprolactam	11.881	113	113751	38.413	ng	99
36) 4-Chloro-3-methylphenol	12.204	107	452379	43.771	ng	100
37) 2-Methylnaphthalene	12.581	142	975048	42.414	ng	100
38) 1-Methylnaphthalene	12.799	142	900540	41.856	ng	98
40) 1,2,4,5-Tetrachloroben...	12.946	216	590349	46.967	ng	98
41) Hexachlorocyclopentadiene	12.928	237	758592	113.619	ng	98
43) 2,4,6-Trichlorophenol	13.181	196	363428	46.219	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	392638	42.014	ng	98
46) 1,1'-Biphenyl	13.581	154	1245416	44.210	ng	99
47) 2-Chloronaphthalene	13.628	162	979373	45.633	ng	99
48) 2-Nitroaniline	13.828	65	244337	40.616	ng	99
49) Acenaphthylene	14.469	152	1477869	43.684	ng	100
50) Dimethylphthalate	14.198	163	1186187	41.824	ng	100
51) 2,6-Dinitrotoluene	14.316	165	256029	41.570	ng	95
52) Acenaphthene	14.810	154	896540	43.549	ng	100
53) 3-Nitroaniline	14.646	138	172825	27.673	ng	100
54) 2,4-Dinitrophenol	14.851	184	321256	78.882	ng	99
55) Dibenzofuran	15.146	168	1442116	42.101	ng	100
56) 4-Nitrophenol	14.946	139	424466	83.728	ng	96
57) 2,4-Dinitrotoluene	15.104	165	337411	40.796	ng	97
58) Fluorene	15.793	166	1117536	41.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	350559	43.573	ng	100
60) Diethylphthalate	15.557	149	1147062	41.477	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	608699	41.828	ng	99
62) 4-Nitroaniline	15.810	138	231585	35.586	ng	95
63) Azobenzene	16.075	77	1057312	42.257	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	197678	40.095	ng	99
66) n-Nitrosodiphenylamine	15.998	169	975195	45.087	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	384283	45.594	ng	99
68) Hexachlorobenzene	16.798	284	442671	48.114	ng	99
69) Atrazine	16.945	200	348772	47.295	ng	100
70) Pentachlorophenol	17.140	266	568745	83.846	ng	99
71) Phenanthrene	17.540	178	1758268	43.952	ng	99
72) Anthracene	17.634	178	1741274	43.531	ng	100
73) Carbazole	17.898	167	1565919	43.484	ng	99
74) Di-n-butylphthalate	18.428	149	1844597	43.719	ng	99
75) Fluoranthene	19.492	202	2028365	40.673	ng	100
77) Benzidine	19.663	184	655598	48.650	ng	99
78) Pyrene	19.839	202	2145688	47.648	ng	100
80) Butylbenzylphthalate	20.698	149	741928	46.355	ng	97
81) Benzo(a)anthracene	21.557	228	2089991	44.290	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	625579	42.138	ng	100
83) Chrysene	21.616	228	1993056	43.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	1126571	45.147	ng	100
85) Di-n-octyl phthalate	22.427	149	1885721	42.409	ng	100
87) Indeno(1,2,3-cd)pyrene	26.821	276	2672848	50.356	ng	99
88) Benzo(b)fluoranthene	23.339	252	2122973	49.195	ng	100
89) Benzo(k)fluoranthene	23.392	252	2189484	49.983	ng	100
90) Benzo(a)pyrene	24.010	252	1899536	45.530	ng	100
91) Dibenzo(a,h)anthracene	26.833	278	2257536	50.763	ng	98
92) Benzo(g,h,i)perylene	27.651	276	2252817	51.230	ng	100

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

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