Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016486.D
Acq On : 03 Aug 2023 11:42
Operator : MA/JU
Sample : PB154495BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB154495BS

Quant Time: Aug 03 18:15:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 18:07:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	392687	20.000	ng		0.00
21) Naphthalene-d8	10.904	136	1509428	20.000	ng		0.00
39) Acenaphthene-d10	14.722	164	827507	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	1662856	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1473705	20.000	ng	#	0.00
86) Perylene-d12	24.180	264	1635585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3403528	141.399	ng		0.00
7) Phenol-d6	7.216	99	4209669	127.594	ng		0.00
23) Nitrobenzene-d5	9.269	82	2484762	92.150	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	1375097	112.955	ng		0.00
45) 2-Fluorobiphenyl	13.345	172	5174842	89.655	ng		0.00
79) Terphenyl-d14	20.033	244	6869289	98.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	433338	46.160	ng		99
3) Pyridine	3.858	79	1163864	41.476	ng		99
4) n-Nitrosodimethylamine	3.781	42	505077	47.737	ng		98
6) Aniline	7.405	93	1301723	31.943	ng		99
8) 2-Chlorophenol	7.622	128	1277646	50.624	ng		96
9) Benzaldehyde	7.222	77	689602	47.210	ng		99
10) Phenol	7.240	94	1605068	50.096	ng		99
11) bis(2-Chloroethyl)ether	7.499	93	1241939	47.685	ng		99
12) 1,3-Dichlorobenzene	7.952	146	1378137	50.866	ng		98
13) 1,4-Dichlorobenzene	8.110	146	1414045	51.452	ng		99
14) 1,2-Dichlorobenzene	8.422	146	1340746	50.668	ng		99
15) Benzyl Alcohol	8.322	79	1078809	47.862	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.604	45	1417261	47.983	ng		100
17) 2-Methylphenol	8.505	107	1051212	45.525	ng		100
18) Hexachloroethane	9.146	117	507921	51.813	ng		93
19) n-Nitroso-di-n-propyla...	8.893	70	873770	42.274	ng		98
20) 3+4-Methylphenols	8.840	107	1398277	44.587	ng		99
22) Acetophenone	8.922	105	1825913	47.911	ng	#	100
24) Nitrobenzene	9.310	77	1356929	48.995	ng		97
25) Isophorone	9.828	82	2428317	44.606	ng		99
26) 2-Nitrophenol	10.016	139	604068	50.436	ng		96
27) 2,4-Dimethylphenol	10.051	122	1108214	45.503	ng		99
28) bis(2-Chloroethoxy)met...	10.316	93	1553456	46.586	ng		100
29) 2,4-Dichlorophenol	10.540	162	1113545	48.855	ng		98
30) 1,2,4-Trichlorobenzene	10.751	180	1187609	48.106	ng		98
31) Naphthalene	10.957	128	3652851	46.266	ng		99
32) Benzoic acid	10.181	122	747206	46.924	ng		99
33) 4-Chloroaniline	11.081	127	752113	21.118	ng		99
34) Hexachlorobutadiene	11.193	225	673158	46.056	ng		99
35) Caprolactam	11.898	113	351768	42.236	ng		97
36) 4-Chloro-3-methylphenol	12.175	107	1174439	46.355	ng		100
37) 2-Methylnaphthalene	12.557	142	2425351	42.285	ng		100
38) 1-Methylnaphthalene	12.775	142	2329814	43.326	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1221493	48.574	ng		99
41) Hexachlorocyclopentadiene	12.857	237	1505931	119.235	ng		99
43) 2,4,6-Trichlorophenol	13.151	196	829546	51.412	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	905173	46.239	ng		96
46) 1,1'-Biphenyl	13.557	154	3072994	48.716	ng		99
47) 2-Chloronaphthalene	13.604	162	2385373	50.124	ng		98
48) 2-Nitroaniline	13.828	65	695330	51.834	ng		97
49) Acenaphthylene	14.451	152	3858342	48.864	ng		100
50) Dimethylphthalate	14.181	163	2879239	44.650	ng		100
51) 2,6-Dinitrotoluene	14.316	165	624727	47.290	ng		89
52) Acenaphthene	14.787	154	2205293	46.967	ng		99
53) 3-Nitroaniline	14.651	138	484247	32.423	ng		94
54) 2,4-Dinitrophenol	14.851	184	581105	92.625	ng		96
55) Dibenzofuran	15.122	168	3506522	45.534	ng		98
56) 4-Nitrophenol	14.939	139	1200265	102.664	ng		98
57) 2,4-Dinitrotoluene	15.098	165	843961	49.020	ng		94
58) Fluorene	15.775	166	2765545	45.712	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	753218	46.774	ng		94
60) Diethylphthalate	15.539	149	2846654	44.421	ng		99
61) 4-Chlorophenyl-phenyle...	15.763	204	1333783	43.688	ng		97
62) 4-Nitroaniline	15.822	138	652774	44.041	ng		98
63) Azobenzene	16.057	77	2831633	46.796	ng		95
65) 4,6-Dinitro-2-methylph...	15.845	198	395791	50.461	ng		91
66) n-Nitrosodiphenylamine	15.986	169	2426634	49.517	ng		100
67) 4-Bromophenyl-phenylether	16.669	248	815462	46.313	ng		97
68) Hexachlorobenzene	16.745	284	936947	47.717	ng		93
69) Atrazine	16.939	200	829689	56.929	ng		98
70) Pentachlorophenol	17.110	266	1090636	80.263	ng		95
71) Phenanthrene	17.533	178	4250182	48.135	ng		99
72) Anthracene	17.622	178	4299542	48.426	ng		100
73) Carbazole	17.904	167	4023568	48.336	ng		99
74) Di-n-butylphthalate	18.416	149	4763315	49.461	ng		99
75) Fluoranthene	19.492	202	4782169	46.208	ng		98
77) Benzidine	19.686	184	2065133	80.825	ng		99
78) Pyrene	19.845	202	4931647	49.920	ng		100
80) Butylbenzylphthalate	20.710	149	2108587	54.330	ng		98
81) Benzo(a)anthracene	21.569	228	4802077	48.565	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	1184008	36.477	ng	#	98
83) Chrysene	21.627	228	4455234	47.185	ng		100
84) Bis(2-ethylhexyl)phtha...	21.451	149	3116185	53.480	ng		99
85) Di-n-octyl phthalate	22.445	149	5264635	53.722	ng		99
87) Indeno(1,2,3-cd)pyrene	26.951	276	5669644	51.417	ng		96
88) Benzo(b)fluoranthene	23.374	252	4874213	51.411	ng		99
89) Benzo(k)fluoranthene	23.427	252	4569121	47.386	ng		98
90) Benzo(a)pyrene	24.068	252	4248467	46.263	ng		99
91) Dibenzo(a,h)anthracene	26.980	278	4736446	51.507	ng		98
92) Benzo(g,h,i)perylene	27.821	276	4578120	51.662	ng		97

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

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