Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016433.D
Acq On : 28 Jul 2023 20:50
Operator : MA/JU
Sample : 03770-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DEL-1-RPMS

Quant Time: Jul 29 00:51:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	358834	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	1521332	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	930634	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2044776	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1894980	20.000	ng		0.00
86) Perylene-d12	24.180	264	2094720	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	3472244	157.863	ng		0.00
7) Phenol-d6	7.228	99	4375305	145.126	ng		0.00
23) Nitrobenzene-d5	9.287	82	2787614	102.572	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1712000	125.046	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	6103061	94.020	ng		0.00
79) Terphenyl-d14	20.039	244	9247923	103.091	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.470	88	369518	43.075	ng	#	51
3) Pyridine	3.887	79	1007087	39.274	ng		99
4) n-Nitrosodimethylamine	3.805	42	497372	51.444	ng		97
6) Aniline	7.422	93	1110938	29.833	ng		98
8) 2-Chlorophenol	7.640	128	1279447	55.479	ng		95
9) Benzaldehyde	7.240	77	590923	42.825	ng		95
10) Phenol	7.258	94	1561596	53.338	ng		100
11) bis(2-Chloroethyl)ether	7.522	93	1214546	51.033	ng		98
12) 1,3-Dichlorobenzene	7.969	146	1197638	48.375	ng		97
13) 1,4-Dichlorobenzene	8.128	146	1230313	48.990	ng		100
14) 1,2-Dichlorobenzene	8.440	146	1198819	49.578	ng		98
15) Benzyl Alcohol	8.340	79	1189171	57.735	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1439144	53.320	ng		98
17) 2-Methylphenol	8.522	107	1118968	53.031	ng		99
18) Hexachloroethane	9.169	117	439322	49.043	ng		93
19) n-Nitroso-di-n-propyla...	8.910	70	976794	51.717	ng		97
20) 3+4-Methylphenols	8.857	107	1513924	52.830	ng		99
22) Acetophenone	8.940	105	1948327	50.723	ng	#	99
24) Nitrobenzene	9.328	77	1422202	50.950	ng		96
25) Isophorone	9.846	82	2787115	50.796	ng		99
26) 2-Nitrophenol	10.034	139	566701	47.162	ng		94
27) 2,4-Dimethylphenol	10.069	122	1242100	50.601	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	1698339	50.532	ng		99
29) 2,4-Dichlorophenol	10.557	162	1231606	53.612	ng		98
30) 1,2,4-Trichlorobenzene	10.769	180	1156165	46.466	ng		97
31) Naphthalene	10.975	128	3756887	47.211	ng		100
32) Benzoic acid	10.152	122	187168	16.386	ng		97
33) 4-Chloroaniline	11.099	127	337093	9.391	ng		99
34) Hexachlorobutadiene	11.210	225	618669	41.996	ng		100
35) Caprolactam	11.916	113	403005	48.009	ng		95
36) 4-Chloro-3-methylphenol	12.193	107	1395147	54.635	ng		99
37) 2-Methylnaphthalene	12.569	142	2651639	45.868	ng		99
38) 1-Methylnaphthalene	12.787	142	2550160	47.053	ng		99
40) 1,2,4,5-Tetrachloroben...	12.916	216	1296059	45.828	ng		99
41) Hexachlorocyclopentadiene	12.875	237	1273529	89.661	ng		98
43) 2,4,6-Trichlorophenol	13.163	196	951060	52.411	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1064346	48.345	ng		95
46) 1,1'-Biphenyl	13.575	154	3513367	49.526	ng		99
47) 2-Chloronaphthalene	13.622	162	2714691	50.723	ng		100
48) 2-Nitroaniline	13.840	65	866645	57.446	ng		96
49) Acenaphthylene	14.463	152	4535646	51.077	ng		100
50) Dimethylphthalate	14.198	163	3612330	49.811	ng		99
51) 2,6-Dinitrotoluene	14.328	165	766706	51.606	ng		90
52) Acenaphthene	14.798	154	2615227	49.525	ng		100
53) 3-Nitroaniline	14.663	138	471314	28.060	ng		93
54) 2,4-Dinitrophenol	14.857	184	302257	47.140	ng	#	88
55) Dibenzofuran	15.134	168	4227060	48.808	ng		99
56) 4-Nitrophenol	14.945	139	1356830	103.195	ng		97
57) 2,4-Dinitrotoluene	15.110	165	1045106	53.976	ng		94
58) Fluorene	15.781	166	3372386	49.565	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.345	232	896827	49.520	ng		92
60) Diethylphthalate	15.551	149	3557636	49.364	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1613445	46.992	ng		97
62) 4-Nitroaniline	15.834	138	822445	49.340	ng		98
63) Azobenzene	16.069	77	3551393	52.188	ng		96
65) 4,6-Dinitro-2-methylph...	15.857	198	295921	33.151	ng		93
66) n-Nitrosodiphenylamine	15.998	169	3015307	50.037	ng		100
67) 4-Bromophenyl-phenylether	16.675	248	1007044	46.511	ng		93
68) Hexachlorobenzene	16.757	284	1146328	47.476	ng		94
69) Atrazine	16.951	200	1062663	59.295	ng		99
70) Pentachlorophenol	17.116	266	1294162	77.453	ng		94
71) Phenanthrene	17.539	178	5425047	49.965	ng		100
72) Anthracene	17.633	178	5458047	49.992	ng		100
73) Carbazole	17.904	167	5256703	51.355	ng		99
74) Di-n-butylphthalate	18.428	149	6164238	52.053	ng		100
75) Fluoranthene	19.492	202	6262639	49.211	ng		98
77) Benzidine	19.686	184	2032037	61.849	ng		100
78) Pyrene	19.851	202	6540529	51.488	ng		99
80) Butylbenzylphthalate	20.710	149	2776337	55.633	ng		97
81) Benzo(a)anthracene	21.569	228	6377879	50.162	ng		99
82) 3,3'-Dichlorobenzidine	21.504	252	1295745	31.045	ng		99
83) Chrysene	21.627	228	5911225	48.687	ng		99
84) Bis(2-ethylhexyl)phtha...	21.457	149	4122404	55.020	ng		99
85) Di-n-octyl phthalate	22.451	149	7114531	56.459	ng		99
87) Indeno(1,2,3-cd)pyrene	26.956	276	7164144	50.729	ng		97
88) Benzo(b)fluoranthene	23.374	252	6480678	53.372	ng		99
89) Benzo(k)fluoranthene	23.427	252	6397224	51.804	ng		99
90) Benzo(a)pyrene	24.063	252	5681515	48.307	ng		98
91) Dibenzo(a,h)anthracene	26.986	278	5991553	50.874	ng		97
92) Benzo(g,h,i)perylene	27.821	276	5561361	49.002	ng		98

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

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