Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016434.D
Acq On : 28 Jul 2023 21:24
Operator : MA/JU
Sample : 03770-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DEL-1-RPMSD

Quant Time: Jul 29 00:39:59 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	321768	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	1420670	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	901313	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	2036472	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1930434	20.000	ng		0.00
86) Perylene-d12	24.180	264	2202031	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	3091740	156.756	ng		0.00
7) Phenol-d6	7.228	99	4011070	148.370	ng		0.00
23) Nitrobenzene-d5	9.287	82	2607130	102.728	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1717915	129.560	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	5930932	94.340	ng		0.00
79) Terphenyl-d14	20.039	244	9487801	103.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	309641	40.253	ng	#	60
3) Pyridine	3.887	79	817170	35.539	ng		99
4) n-Nitrosodimethylamine	3.799	42	443738	51.184	ng		94
6) Aniline	7.422	93	1318945	39.499	ng		99
8) 2-Chlorophenol	7.640	128	1172372	56.692	ng		97
9) Benzaldehyde	7.240	77	590100	50.565	ng		96
10) Phenol	7.258	94	1441270	54.898	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	1124701	52.702	ng		99
12) 1,3-Dichlorobenzene	7.969	146	1125009	50.676	ng		97
13) 1,4-Dichlorobenzene	8.128	146	1160860	51.549	ng		99
14) 1,2-Dichlorobenzene	8.440	146	1135103	52.351	ng		99
15) Benzyl Alcohol	8.340	79	1126658	61.001	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1307226	54.012	ng		100
17) 2-Methylphenol	8.522	107	1038134	54.868	ng		99
18) Hexachloroethane	9.169	117	417017	51.915	ng		95
19) n-Nitroso-di-n-propyla...	8.911	70	929922	54.907	ng		97
20) 3+4-Methylphenols	8.858	107	1427201	55.540	ng		99
22) Acetophenone	8.940	105	1855078	51.718	ng	#	100
24) Nitrobenzene	9.328	77	1343143	51.527	ng		98
25) Isophorone	9.846	82	2692600	52.551	ng		99
26) 2-Nitrophenol	10.034	139	540332	48.088	ng		94
27) 2,4-Dimethylphenol	10.069	122	1178009	51.390	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	1626040	51.809	ng		99
29) 2,4-Dichlorophenol	10.557	162	1174022	54.726	ng		98
30) 1,2,4-Trichlorobenzene	10.769	180	1112640	47.885	ng		99
31) Naphthalene	10.975	128	3600462	48.451	ng		99
32) Benzoic acid	10.169	122	326697	25.164	ng		98
33) 4-Chloroaniline	11.099	127	814695	24.305	ng		98
34) Hexachlorobutadiene	11.210	225	603867	43.896	ng		99
35) Caprolactam	11.916	113	403563	51.482	ng		97
36) 4-Chloro-3-methylphenol	12.187	107	1342281	56.289	ng		98
37) 2-Methylnaphthalene	12.569	142	2567901	47.567	ng		98
38) 1-Methylnaphthalene	12.787	142	2471696	48.836	ng		100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1282769	46.833	ng		99
41) Hexachlorocyclopentadiene	12.875	237	1167502	84.870	ng		99
43) 2,4,6-Trichlorophenol	13.163	196	919586	52.325	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1033987	48.494	ng	#	95
46) 1,1'-Biphenyl	13.575	154	3448144	50.187	ng		99
47) 2-Chloronaphthalene	13.622	162	2658800	51.295	ng		99
48) 2-Nitroaniline	13.840	65	852374	58.338	ng		99
49) Acenaphthylene	14.463	152	4461836	51.880	ng		99
50) Dimethylphthalate	14.198	163	3613245	51.444	ng		100
51) 2,6-Dinitrotoluene	14.328	165	765643	53.211	ng		89
52) Acenaphthene	14.798	154	2567982	50.213	ng		100
53) 3-Nitroaniline	14.663	138	611947	37.618	ng		93
54) 2,4-Dinitrophenol	14.857	184	264716	43.394	ng		92
55) Dibenzofuran	15.134	168	4188155	49.932	ng		99
56) 4-Nitrophenol	14.945	139	1362992	107.036	ng		97
57) 2,4-Dinitrotoluene	15.110	165	1055738	56.299	ng		98
58) Fluorene	15.781	166	3333943	50.594	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	896278	51.100	ng		94
60) Diethylphthalate	15.551	149	3567184	51.106	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1600229	48.123	ng		97
62) 4-Nitroaniline	15.834	138	853767	52.885	ng		98
63) Azobenzene	16.069	77	3461945	52.528	ng		96
65) 4,6-Dinitro-2-methylph...	15.857	198	277399	31.573	ng		94
66) n-Nitrosodiphenylamine	15.998	169	3012991	50.203	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	1017283	47.176	ng		95
68) Hexachlorobenzene	16.757	284	1162386	48.337	ng		97
69) Atrazine	16.951	200	1073731	60.157	ng		99
70) Pentachlorophenol	17.116	266	1292007	77.639	ng		96
71) Phenanthrene	17.539	178	5448847	50.389	ng		100
72) Anthracene	17.634	178	5497593	50.560	ng		100
73) Carbazole	17.904	167	5287175	51.864	ng		99
74) Di-n-butylphthalate	18.428	149	6313868	53.534	ng		100
75) Fluoranthene	19.492	202	6442134	50.828	ng		98
77) Benzidine	19.686	184	2380845	71.135	ng		100
78) Pyrene	19.845	202	6651423	51.399	ng		99
80) Butylbenzylphthalate	20.710	149	2874790	56.548	ng		97
81) Benzo(a)anthracene	21.569	228	6627664	51.170	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	2006849	47.200	ng		99
83) Chrysene	21.628	228	6118739	49.471	ng		100
84) Bis(2-ethylhexyl)phtha...	21.457	149	4235416	55.491	ng		100
85) Di-n-octyl phthalate	22.451	149	7382111	57.507	ng		99
87) Indeno(1,2,3-cd)pyrene	26.963	276	7841739	52.821	ng		97
88) Benzo(b)fluoranthene	23.374	252	7011263	54.928	ng		99
89) Benzo(k)fluoranthene	23.433	252	6645961	51.195	ng		99
90) Benzo(a)pyrene	24.069	252	6064547	49.051	ng		99
91) Dibenzo(a,h)anthracene	26.992	278	6548314	52.892	ng		97
92) Benzo(g,h,i)perylene	27.827	276	6156710	51.604	ng		97

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

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