Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016396.D
Acq On : 27 Jul 2023 12:46
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 27 17:36:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 17:32:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	390719	20.000	ng		0.00
21) Naphthalene-d8	10.928	136	1597219	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	966710	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2120090	20.000	ng		0.00
76) Chrysene-d12	21.586	240	2013573	20.000	ng	#	0.00
86) Perylene-d12	24.186	264	2252321	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	1045081	43.636	ng		0.00
7) Phenol-d6	7.222	99	1433364	43.664	ng		0.00
23) Nitrobenzene-d5	9.287	82	1231721	43.169	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	494661	34.782	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	2870657	42.573	ng		0.00
79) Terphenyl-d14	20.039	244	4314259	45.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	209337	22.411	ng		98
3) Pyridine	3.875	79	611079	22.234	ng		100
4) n-Nitrosodimethylamine	3.805	42	233705	22.200	ng	#	99
6) Aniline	7.422	93	877209	21.634	ng		99
8) 2-Chlorophenol	7.640	128	540527	21.525	ng		95
9) Benzaldehyde	7.240	77	398011	22.249	ng		95
10) Phenol	7.252	94	695620	21.821	ng		100
11) bis(2-Chloroethyl)ether	7.522	93	559231	21.580	ng		98
12) 1,3-Dichlorobenzene	7.975	146	575713	21.356	ng		97
13) 1,4-Dichlorobenzene	8.128	146	584507	21.375	ng		98
14) 1,2-Dichlorobenzene	8.446	146	563435	21.400	ng		100
15) Benzyl Alcohol	8.340	79	478122	21.319	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.610	45	646506	21.998	ng		98
17) 2-Methylphenol	8.522	107	493516	21.481	ng		96
18) Hexachloroethane	9.169	117	210946	21.627	ng		93
19) n-Nitroso-di-n-propyla...	8.910	70	442188	21.502	ng		97
20) 3+4-Methylphenols	8.852	107	663010	21.248	ng		99
22) Acetophenone	8.940	105	861604	21.365	ng	#	99
24) Nitrobenzene	9.328	77	627957	21.428	ng		95
25) Isophorone	9.840	82	1216771	21.123	ng		98
26) 2-Nitrophenol	10.034	139	219791	19.393	ng		94
27) 2,4-Dimethylphenol	10.069	122	547179	21.232	ng		97
28) bis(2-Chloroethoxy)met...	10.334	93	746026	21.143	ng		99
29) 2,4-Dichlorophenol	10.551	162	491048	20.360	ng		97
30) 1,2,4-Trichlorobenzene	10.775	180	527386	20.188	ng		99
31) Naphthalene	10.975	128	1757683	21.039	ng		100
32) Benzoic acid	10.157	122	267876	20.054	ng		99
33) 4-Chloroaniline	11.099	127	788116	20.913	ng		99
34) Hexachlorobutadiene	11.216	225	301386	19.487	ng		100
35) Caprolactam	11.893	113	183590	20.827	ng		96
36) 4-Chloro-3-methylphenol	12.187	107	562974	20.999	ng		98
37) 2-Methylnaphthalene	12.575	142	1248092	20.564	ng		99
38) 1-Methylnaphthalene	12.793	142	1172351	20.603	ng		99
40) 1,2,4,5-Tetrachloroben...	12.916	216	583585	19.865	ng		99
41) Hexachlorocyclopentadiene	12.875	237	281419	19.073	ng		98
43) 2,4,6-Trichlorophenol	13.163	196	380491	20.186	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	459783	20.105	ng		96
46) 1,1'-Biphenyl	13.575	154	1552303	21.065	ng		99
47) 2-Chloronaphthalene	13.622	162	1168245	21.014	ng		98
48) 2-Nitroaniline	13.840	65	338327	21.589	ng		98
49) Acenaphthylene	14.463	152	1970295	21.360	ng		99
50) Dimethylphthalate	14.192	163	1567681	20.810	ng		99
51) 2,6-Dinitrotoluene	14.328	165	319797	20.722	ng		89
52) Acenaphthene	14.798	154	1152326	21.008	ng		99
53) 3-Nitroaniline	14.663	138	365894	20.971	ng		91
54) 2,4-Dinitrophenol	14.857	184	94998	19.844	ng		93
55) Dibenzofuran	15.134	168	1890928	21.019	ng		98
56) 4-Nitrophenol	14.934	139	288458	21.120	ng		93
57) 2,4-Dinitrotoluene	15.104	165	415384	20.653	ng		92
58) Fluorene	15.787	166	1508591	21.345	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.339	232	364574	19.380	ng		92
60) Diethylphthalate	15.551	149	1582396	21.137	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	735241	20.615	ng		95
62) 4-Nitroaniline	15.828	138	370049	21.371	ng		96
63) Azobenzene	16.069	77	1580135	22.354	ng		94
65) 4,6-Dinitro-2-methylph...	15.857	198	152091	19.611	ng		93
66) n-Nitrosodiphenylamine	15.998	169	1334913	21.365	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	440252	19.611	ng		94
68) Hexachlorobenzene	16.757	284	479271	19.144	ng		94
69) Atrazine	16.945	200	399843	21.518	ng		99
70) Pentachlorophenol	17.116	266	317177	18.308	ng		94
71) Phenanthrene	17.539	178	2385269	21.188	ng		99
72) Anthracene	17.633	178	2412631	21.313	ng		99
73) Carbazole	17.904	167	2290309	21.580	ng		99
74) Di-n-butylphthalate	18.428	149	2706830	22.045	ng		99
75) Fluoranthene	19.492	202	2778362	21.056	ng		98
77) Benzidine	19.686	184	588492	16.857	ng		99
78) Pyrene	19.851	202	2921026	21.640	ng		100
80) Butylbenzylphthalate	20.716	149	1173572	22.131	ng		95
81) Benzo(a)anthracene	21.569	228	2844924	21.058	ng		99
82) 3,3'-Dichlorobenzidine	21.504	252	883284	19.917	ng	#	96
83) Chrysene	21.627	228	2746352	21.288	ng		100
84) Bis(2-ethylhexyl)phtha...	21.463	149	1771980	22.257	ng		97
85) Di-n-octyl phthalate	22.463	149	2952468	22.050	ng		97
87) Indeno(1,2,3-cd)pyrene	26.956	276	3148504	20.735	ng		96
88) Benzo(b)fluoranthene	23.374	252	2723544	20.862	ng		98
89) Benzo(k)fluoranthene	23.433	252	2806259	21.134	ng		98
90) Benzo(a)pyrene	24.068	252	2630431	20.800	ng		98
91) Dibenzo(a,h)anthracene	26.992	278	2634790	20.806	ng		97
92) Benzo(g,h,i)perylene	27.821	276	2547298	20.874	ng		97

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

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