Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016425.D
Acq On : 28 Jul 2023 16:14
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 29 00:46:32 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	8.092	152	445302	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1770666	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	1060766	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2318392	20.000	ng	0.00
76) Chrysene-d12	21.592	240	2230815	20.000	ng	0.00
86) Perylene-d12	24.192	264	2430967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2527222	92.588	ng	0.00
7) Phenol-d6	7.228	99	3446325	92.115	ng	0.00
23) Nitrobenzene-d5	9.287	82	2977736	94.139	ng	0.00
42) 2,4,6-Tribromophenol	16.227	330	1239303	79.415	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6454813	87.240	ng	0.00
79) Terphenyl-d14	20.039	244	9272729	87.806	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	493625	46.369	ng	98
3) Pyridine	3.875	79	1502092	47.204	ng	99
4) n-Nitrosodimethylamine	3.804	42	567126	47.269	ng	98
6) Aniline	7.422	93	2123347	45.948	ng	99
8) 2-Chlorophenol	7.640	128	1294526	45.233	ng	95
9) Benzaldehyde	7.240	77	815392	50.439	ng	96
10) Phenol	7.257	94	1678555	46.200	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1328529	44.983	ng	99
12) 1,3-Dichlorobenzene	7.969	146	1351505	43.989	ng	97
13) 1,4-Dichlorobenzene	8.128	146	1372793	44.049	ng	99
14) 1,2-Dichlorobenzene	8.445	146	1315700	43.847	ng	98
15) Benzyl Alcohol	8.340	79	1180992	46.204	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1527725	45.611	ng	99
17) 2-Methylphenol	8.522	107	1189945	45.444	ng	99
18) Hexachloroethane	9.169	117	496208	44.637	ng	94
19) n-Nitroso-di-n-propyla...	8.916	70	1055920	45.051	ng	98
20) 3+4-Methylphenols	8.857	107	1622548	45.626	ng	99
22) Acetophenone	8.940	105	2018473	45.150	ng	99
24) Nitrobenzene	9.334	77	1529906	47.091	ng	97
25) Isophorone	9.845	82	2907085	45.522	ng	99
26) 2-Nitrophenol	10.034	139	625236	44.869	ng	95
27) 2,4-Dimethylphenol	10.069	122	1294852	45.322	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	1762024	45.045	ng	99
29) 2,4-Dichlorophenol	10.557	162	1208514	45.199	ng	98
30) 1,2,4-Trichlorobenzene	10.769	180	1243911	42.952	ng	98
31) Naphthalene	10.975	128	4119672	44.480	ng	99
32) Benzoic acid	10.204	122	858222	46.075	ng	98
33) 4-Chloroaniline	11.098	127	1893254	45.317	ng	99
34) Hexachlorobutadiene	11.210	225	709586	41.385	ng	99
35) Caprolactam	11.922	113	448740	45.930	ng	97
36) 4-Chloro-3-methylphenol	12.186	107	1365165	45.933	ng	98
37) 2-Methylnaphthalene	12.575	142	2947201	43.802	ng	98
38) 1-Methylnaphthalene	12.792	142	2755785	43.687	ng	100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1381466	42.855	ng	98
41) Hexachlorocyclopentadiene	12.875	237	688072	42.500	ng	99
43) 2,4,6-Trichlorophenol	13.163	196	948366	45.851	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	1126642	44.897	ng		98
46) 1,1'-Biphenyl	13.575	154	3613721	44.691	ng		99
47) 2-Chloronaphthalene	13.622	162	2722311	44.625	ng		99
48) 2-Nitroaniline	13.839	65	882894	51.343	ng		98
49) Acenaphthylene	14.463	152	4579690	45.246	ng		100
50) Dimethylphthalate	14.198	163	3641721	44.056	ng		100
51) 2,6-Dinitrotoluene	14.333	165	793029	46.830	ng		95
52) Acenaphthene	14.798	154	2701982	44.891	ng		100
53) 3-Nitroaniline	14.669	138	922232	48.170	ng		95
54) 2,4-Dinitrophenol	14.863	184	310031	43.222	ng		94
55) Dibenzofuran	15.133	168	4336337	43.928	ng		99
56) 4-Nitrophenol	14.939	139	745321	49.732	ng		93
57) 2,4-Dinitrotoluene	15.110	165	1073844	48.657	ng		96
58) Fluorene	15.786	166	3425750	44.173	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	898199	43.512	ng		93
60) Diethylphthalate	15.551	149	3653670	44.477	ng		98
61) 4-Chlorophenyl-phenyle...	15.774	204	1670235	42.678	ng		97
62) 4-Nitroaniline	15.833	138	934270	49.172	ng		98
63) Azobenzene	16.069	77	3606322	46.494	ng		95
65) 4,6-Dinitro-2-methylph...	15.863	198	487285	45.296	ng		99
66) n-Nitrosodiphenylamine	15.998	169	3090545	45.233	ng		100
67) 4-Bromophenyl-phenylether	16.674	248	1042459	42.465	ng	#	92
68) Hexachlorobenzene	16.757	284	1135167	41.465	ng		95
69) Atrazine	16.951	200	956527	47.074	ng		98
70) Pentachlorophenol	17.116	266	839982	44.338	ng		94
71) Phenanthrene	17.539	178	5495810	44.643	ng		99
72) Anthracene	17.633	178	5611226	45.330	ng		100
73) Carbazole	17.910	167	5327906	45.908	ng		99
74) Di-n-butylphthalate	18.427	149	6335789	47.187	ng		99
75) Fluoranthene	19.498	202	6555635	45.434	ng		99
77) Benzidine	19.692	184	1969157	50.913	ng		100
78) Pyrene	19.851	202	6774131	45.299	ng		99
80) Butylbenzylphthalate	20.715	149	2960446	50.391	ng		98
81) Benzo(a)anthracene	21.574	228	6721061	44.904	ng		100
82) 3,3'-Dichlorobenzidine	21.509	252	2264960	46.098	ng		99
83) Chrysene	21.633	228	6369367	44.563	ng		100
84) Bis(2-ethylhexyl)phtha...	21.462	149	4356448	49.391	ng		100
85) Di-n-octyl phthalate	22.456	149	7447455	50.204	ng		98
87) Indeno(1,2,3-cd)pyrene	26.962	276	7015518	42.806	ng		97
88) Benzo(b)fluoranthene	23.380	252	6593079	46.788	ng		99
89) Benzo(k)fluoranthene	23.439	252	6579499	45.910	ng		99
90) Benzo(a)pyrene	24.074	252	6270955	45.944	ng		99
91) Dibenzo(a,h)anthracene	27.003	278	5890916	43.101	ng		98
92) Benzo(g,h,i)perylene	27.833	276	5590025	42.442	ng		97

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

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