Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016397.D
Acq On : 27 Jul 2023 13:20
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Jul 27 17:36:06 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	451043	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	1833535	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	1151480	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2571002	20.000	ng	0.00
76) Chrysene-d12	21.592	240	2514886	20.000	ng	0.00
86) Perylene-d12	24.192	264	2825363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2203565	79.703	ng	0.00
7) Phenol-d6	7.228	99	3048278	80.439	ng	0.00
23) Nitrobenzene-d5	9.293	82	2651658	80.956	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1462756	86.349	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6531814	81.326	ng	0.00
79) Terphenyl-d14	20.045	244	10031553	84.262	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	413883	38.383	ng	100
3) Pyridine	3.875	79	1269033	39.999	ng	100
4) n-Nitrosodimethylamine	3.805	42	472382	38.871	ng	100
6) Aniline	7.422	93	1885875	40.290	ng	100
8) 2-Chlorophenol	7.646	128	1178680	40.661	ng	100
9) Benzaldehyde	7.246	77	721533	41.035	ng	100
10) Phenol	7.252	94	1473275	40.033	ng	100
11) bis(2-Chloroethyl)ether	7.522	93	1188648	39.734	ng	100
12) 1,3-Dichlorobenzene	7.975	146	1240579	39.865	ng	100
13) 1,4-Dichlorobenzene	8.128	146	1258217	39.858	ng	100
14) 1,2-Dichlorobenzene	8.446	146	1222529	40.223	ng	100
15) Benzyl Alcohol	8.340	79	1055274	40.760	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.628	45	1332082	39.264	ng	100
17) 2-Methylphenol	8.522	107	1075913	40.566	ng	100
18) Hexachloroethane	9.169	117	447091	39.707	ng	100
19) n-Nitroso-di-n-propyla...	8.916	70	952166	40.107	ng	100
20) 3+4-Methylphenols	8.858	107	1471753	40.859	ng	100
22) Acetophenone	8.940	105	1855317	40.077	ng	100
24) Nitrobenzene	9.334	77	1350491	40.143	ng	100
25) Isophorone	9.846	82	2680233	40.531	ng	100
26) 2-Nitrophenol	10.040	139	559305	39.187	ng	100
27) 2,4-Dimethylphenol	10.069	122	1199890	40.558	ng	100
28) bis(2-Chloroethoxy)met...	10.334	93	1625384	40.127	ng	100
29) 2,4-Dichlorophenol	10.557	162	1166540	42.133	ng	100
30) 1,2,4-Trichlorobenzene	10.775	180	1236131	41.220	ng	100
31) Naphthalene	10.981	128	3858745	40.234	ng	100
32) Benzoic acid	10.193	122	720655	38.552	ng	100
33) 4-Chloroaniline	11.099	127	1762879	40.749	ng	100
34) Hexachlorobutadiene	11.216	225	747734	42.115	ng	100
35) Caprolactam	11.910	113	417901	41.298	ng	100
36) 4-Chloro-3-methylphenol	12.187	107	1269714	41.257	ng	100
37) 2-Methylnaphthalene	12.575	142	2844832	40.831	ng	100
38) 1-Methylnaphthalene	12.793	142	2663390	40.774	ng	100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1454226	41.558	ng	100
41) Hexachlorocyclopentadiene	12.875	237	766935	43.639	ng	100
43) 2,4,6-Trichlorophenol	13.163	196	961448	42.822	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	1153726	42.354	ng	100
46) 1,1'-Biphenyl	13.575	154	3542335	40.357	ng	100
47) 2-Chloronaphthalene	13.622	162	2683222	40.519	ng	100
48) 2-Nitroaniline	13.840	65	777713	41.664	ng	100
49) Acenaphthylene	14.463	152	4457033	40.565	ng	100
50) Dimethylphthalate	14.198	163	3607775	40.207	ng	100
51) 2,6-Dinitrotoluene	14.334	165	772239	42.009	ng	100
52) Acenaphthene	14.804	154	2651274	40.578	ng	100
53) 3-Nitroaniline	14.669	138	860827	41.421	ng	100
54) 2,4-Dinitrophenol	14.863	184	280868	37.395	ng	100
55) Dibenzofuran	15.134	168	4323113	40.344	ng	100
56) 4-Nitrophenol	14.940	139	681700	41.904	ng	100
57) 2,4-Dinitrotoluene	15.110	165	1036257	43.255	ng	100
58) Fluorene	15.787	166	3441508	40.880	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	959566	42.823	ng	100
60) Diethylphthalate	15.551	149	3602654	40.401	ng	100
61) 4-Chlorophenyl-phenyle...	15.775	204	1761696	41.469	ng	100
62) 4-Nitroaniline	15.834	138	864693	41.925	ng	100
63) Azobenzene	16.075	77	3306003	39.264	ng	100
65) 4,6-Dinitro-2-methylph...	15.857	198	447824	38.617	ng	100
66) n-Nitrosodiphenylamine	15.998	169	3071081	40.532	ng	100
67) 4-Bromophenyl-phenylether	16.681	248	1153236	42.362	ng	100
68) Hexachlorobenzene	16.757	284	1287286	42.402	ng	100
69) Atrazine	16.951	200	932227	41.370	ng	100
70) Pentachlorophenol	17.116	266	883516	42.054	ng	100
71) Phenanthrene	17.545	178	5491912	40.228	ng	100
72) Anthracene	17.634	178	5596746	40.770	ng	100
73) Carbazole	17.910	167	5194493	40.361	ng	100
74) Di-n-butylphthalate	18.434	149	6167689	41.422	ng	100
75) Fluoranthene	19.498	202	6621225	41.379	ng	100
77) Benzidine	19.692	184	1915587	43.933	ng	100
78) Pyrene	19.851	202	6857594	40.677	ng	100
80) Butylbenzylphthalate	20.716	149	2736249	41.314	ng	100
81) Benzo(a)anthracene	21.575	228	6880536	40.777	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	2363533	42.670	ng	100
83) Chrysene	21.633	228	6516439	40.442	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	4078277	41.014	ng	100
85) Di-n-octyl phthalate	22.463	149	6847092	40.943	ng	100
87) Indeno(1,2,3-cd)pyrene	26.974	276	7628159	40.047	ng	100
88) Benzo(b)fluoranthene	23.380	252	6865469	41.923	ng	100
89) Benzo(k)fluoranthene	23.439	252	6903342	41.446	ng	100
90) Benzo(a)pyrene	24.074	252	6595575	41.577	ng	100
91) Dibenzo(a,h)anthracene	27.004	278	6414955	40.383	ng	100
92) Benzo(g,h,i)perylene	27.833	276	6067960	39.639	ng	100

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

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