Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016401.D
Acq On : 27 Jul 2023 15:38
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP072723

Quant Time: Jul 28 01:50:34 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	516991	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	1970597	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	1197271	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2650032	20.000	ng	0.00
76) Chrysene-d12	21.592	240	2549162	20.000	ng	0.00
86) Perylene-d12	24.192	264	2736722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	2552831	80.557	ng	0.00
7) Phenol-d6	7.228	99	3343438	76.973	ng	0.00
23) Nitrobenzene-d5	9.293	82	2859056	81.217	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1553600	88.205	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6790480	81.313	ng	0.00
79) Terphenyl-d14	20.045	244	10349584	85.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	492647	39.860	ng	99
3) Pyridine	3.875	79	1426162	38.603	ng	99
4) n-Nitrosodimethylamine	3.805	42	532845	38.253	ng	99
6) Aniline	7.422	93	2049370	38.198	ng	99
8) 2-Chlorophenol	7.646	128	1316273	39.615	ng	99
9) Benzaldehyde	7.246	77	799936	39.105	ng	98
10) Phenol	7.258	94	1613888	38.260	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1303776	38.023	ng	99
12) 1,3-Dichlorobenzene	7.975	146	1433781	40.196	ng	100
13) 1,4-Dichlorobenzene	8.128	146	1443503	39.895	ng	99
14) 1,2-Dichlorobenzene	8.446	146	1375893	39.494	ng	100
15) Benzyl Alcohol	8.340	79	1127417	37.992	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.628	45	1421519	36.555	ng	99
17) 2-Methylphenol	8.522	107	1168772	38.446	ng	99
18) Hexachloroethane	9.169	117	507846	39.349	ng	99
19) n-Nitroso-di-n-propyla...	8.916	70	996007	36.602	ng	99
20) 3+4-Methylphenols	8.857	107	1581258	38.299	ng	99
22) Acetophenone	8.940	105	1968332	39.561	ng	100
24) Nitrobenzene	9.334	77	1453949	40.212	ng	100
25) Isophorone	9.846	82	2788057	39.229	ng	100
26) 2-Nitrophenol	10.040	139	637639	41.378	ng	99
27) 2,4-Dimethylphenol	10.075	122	1279490	40.241	ng	97
28) bis(2-Chloroethoxy)met...	10.334	93	1699423	39.036	ng	99
29) 2,4-Dichlorophenol	10.557	162	1253062	42.110	ng	99
30) 1,2,4-Trichlorobenzene	10.775	180	1349301	41.865	ng	100
31) Naphthalene	10.975	128	4116775	39.939	ng	99
32) Benzoic acid	10.199	122	818279	40.374	ng	96
33) 4-Chloroaniline	11.099	127	1846393	39.711	ng	100
34) Hexachlorobutadiene	11.216	225	827166	43.348	ng	99
35) Caprolactam	11.916	113	424470	39.038	ng	96
36) 4-Chloro-3-methylphenol	12.187	107	1320939	39.936	ng	100
37) 2-Methylnaphthalene	12.575	142	2993150	39.972	ng	99
38) 1-Methylnaphthalene	12.793	142	2787268	39.703	ng	99
40) 1,2,4,5-Tetrachloroben...	12.916	216	1552295	42.664	ng	100
41) Hexachlorocyclopentadiene	12.875	237	838455	45.884	ng	100
43) 2,4,6-Trichlorophenol	13.163	196	1012684	43.378	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	1218437	43.019	ng	99
46) 1,1'-Biphenyl	13.575	154	3673113	40.246	ng	100
47) 2-Chloronaphthalene	13.622	162	2779733	40.371	ng	99
48) 2-Nitroaniline	13.840	65	802990	41.373	ng	99
49) Acenaphthylene	14.463	152	4625323	40.487	ng	100
50) Dimethylphthalate	14.198	163	3738898	40.074	ng	99
51) 2,6-Dinitrotoluene	14.334	165	805065	42.120	ng	99
52) Acenaphthene	14.804	154	2726258	40.130	ng	99
53) 3-Nitroaniline	14.669	138	887059	41.051	ng	100
54) 2,4-Dinitrophenol	14.863	184	319154	40.125	ng	98
55) Dibenzofuran	15.140	168	4447694	39.919	ng	99
56) 4-Nitrophenol	14.940	139	707510	41.827	ng	98
57) 2,4-Dinitrotoluene	15.110	165	1071573	43.018	ng	99
58) Fluorene	15.787	166	3502069	40.008	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	1016776	43.640	ng	99
60) Diethylphthalate	15.551	149	3664876	39.527	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	1820379	41.212	ng	96
62) 4-Nitroaniline	15.834	138	890681	41.534	ng	99
63) Azobenzene	16.075	77	3365406	38.441	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	497787	41.151	ng	93
66) n-Nitrosodiphenylamine	15.998	169	3125936	40.026	ng	100
67) 4-Bromophenyl-phenylether	16.681	248	1203484	42.889	ng	99
68) Hexachlorobenzene	16.763	284	1346701	43.036	ng	97
69) Atrazine	16.951	200	966497	41.612	ng	100
70) Pentachlorophenol	17.122	266	949240	43.835	ng	98
71) Phenanthrene	17.545	178	5646230	40.125	ng	100
72) Anthracene	17.634	178	5722212	40.441	ng	100
73) Carbazole	17.910	167	5297462	39.933	ng	99
74) Di-n-butylphthalate	18.433	149	6323115	41.199	ng	100
75) Fluoranthene	19.498	202	6790522	41.172	ng	99
77) Benzidine	19.692	184	1989375	45.012	ng	100
78) Pyrene	19.851	202	6975384	40.819	ng	100
80) Butylbenzylphthalate	20.716	149	2819399	41.997	ng	99
81) Benzo(a)anthracene	21.574	228	6982195	40.823	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	2379591	42.382	ng	99
83) Chrysene	21.633	228	6577662	40.273	ng	100
84) Bis(2-ethylhexyl)phtha...	21.469	149	4156018	41.234	ng	99
85) Di-n-octyl phthalate	22.463	149	6872228	40.541	ng	100
87) Indeno(1,2,3-cd)pyrene	26.968	276	7055961	38.243	ng	99
88) Benzo(b)fluoranthene	23.380	252	6715063	42.329	ng	100
89) Benzo(k)fluoranthene	23.439	252	6883685	42.666	ng	100
90) Benzo(a)pyrene	24.074	252	6430583	41.850	ng	100
91) Dibenzo(a,h)anthracene	27.004	278	5929734	38.538	ng	100
92) Benzo(g,h,i)perylene	27.833	276	5534330	37.324	ng	99

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

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