Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013672.D
Acq On : 31 Jan 2023 13:04
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Feb 01 03:01:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.140	152	232095	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	864783	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	574867	20.000	ng		0.00
64) Phenanthrene-d10	17.528	188	1318675	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1383138	20.000	ng		0.00
86) Perylene-d12	24.180	264	1596192	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	550601	40.554	ng		0.00
7) Phenol-d6	7.287	99	729453	40.328	ng		0.00
23) Nitrobenzene-d5	9.316	82	585728	39.399	ng		0.00
42) 2,4,6-Tribromophenol	16.263	330	339579	39.383	ng		0.00
45) 2-Fluorobiphenyl	13.404	172	1698701	41.348	ng		0.00
79) Terphenyl-d14	20.057	244	2885228	41.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	117959	20.536	ng		97
3) Pyridine	3.934	79	333808	20.526	ng		99
4) n-Nitrosodimethylamine	3.840	42	120355	20.296	ng	#	96
6) Aniline	7.458	93	479986	20.355	ng		98
8) 2-Chlorophenol	7.699	128	290657	20.334	ng		98
9) Benzaldehyde	7.269	77	220181	24.093	ng		99
10) Phenol	7.311	94	381485	20.189	ng		98
11) bis(2-Chloroethyl)ether	7.552	93	304056	20.143	ng		100
12) 1,3-Dichlorobenzene	8.028	146	327581	20.345	ng		98
13) 1,4-Dichlorobenzene	8.175	146	334010	20.502	ng		97
14) 1,2-Dichlorobenzene	8.499	146	317914	20.393	ng		99
15) Benzyl Alcohol	8.381	79	252183	19.689	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.675	45	358679	20.269	ng		99
17) 2-Methylphenol	8.581	107	269114	20.324	ng		98
18) Hexachloroethane	9.234	117	106787	19.878	ng		92
19) n-Nitroso-di-n-propyla...	8.952	70	232814	20.515	ng		99
20) 3+4-Methylphenols	8.910	107	365815	20.251	ng		97
22) Acetophenone	8.969	105	457268	20.277	ng	#	99
24) Nitrobenzene	9.357	77	321768	19.954	ng		99
25) Isophorone	9.887	82	660366	20.041	ng		99
26) 2-Nitrophenol	10.075	139	127494	18.889	ng		97
27) 2,4-Dimethylphenol	10.122	122	266047	19.253	ng		100
28) bis(2-Chloroethoxy)met...	10.363	93	398892	20.198	ng		99
29) 2,4-Dichlorophenol	10.610	162	288544	19.935	ng		99
30) 1,2,4-Trichlorobenzene	10.828	180	322936	20.108	ng		99
31) Naphthalene	11.022	128	921913	20.275	ng		99
32) Benzoic acid	10.222	122	178890	18.096	ng		97
33) 4-Chloroaniline	11.128	127	401570	20.099	ng		99
34) Hexachlorobutadiene	11.304	225	202285	19.843	ng		97
35) Caprolactam	11.899	113	92339	19.502	ng		97
36) 4-Chloro-3-methylphenol	12.234	107	304116	19.975	ng		98
37) 2-Methylnaphthalene	12.616	142	692719	20.261	ng		98
38) 1-Methylnaphthalene	12.834	142	651141	20.275	ng		99
40) 1,2,4,5-Tetrachloroben...	12.975	216	393637	20.057	ng		99
41) Hexachlorocyclopentadiene	12.957	237	157754	17.611	ng		95
43) 2,4,6-Trichlorophenol	13.210	196	258934	20.036	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	303065	20.029	ng	98
46) 1,1'-Biphenyl	13.610	154	891842	20.501	ng	100
47) 2-Chloronaphthalene	13.657	162	688869	20.486	ng	98
48) 2-Nitroaniline	13.857	65	130687	18.188	ng	97
49) Acenaphthylene	14.498	152	1105805	20.392	ng	99
50) Dimethylphthalate	14.222	163	903323	20.316	ng	100
51) 2,6-Dinitrotoluene	14.345	165	157246	19.787	ng	96
52) Acenaphthene	14.840	154	695528	20.563	ng	100
53) 3-Nitroaniline	14.675	138	170753	19.702	ng	99
54) 2,4-Dinitrophenol	14.881	184	75274	15.563	ng	98
55) Dibenzofuran	15.175	168	1112099	20.354	ng	99
56) 4-Nitrophenol	14.969	139	143063	18.557	ng	97
57) 2,4-Dinitrotoluene	15.128	165	196398	18.832	ng	96
58) Fluorene	15.822	166	889418	20.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.392	232	260416	19.792	ng	100
60) Diethylphthalate	15.581	149	860161	20.179	ng	99
61) 4-Chlorophenyl-phenyle...	15.810	204	466566	19.973	ng	97
62) 4-Nitroaniline	15.834	138	171093	19.879	ng	96
63) Azobenzene	16.104	77	811105	20.599	ng	98
65) 4,6-Dinitro-2-methylph...	15.892	198	115420	16.794	ng	99
66) n-Nitrosodiphenylamine	16.028	169	779122	20.306	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	302741	20.028	ng	97
68) Hexachlorobenzene	16.828	284	332458	19.862	ng	96
69) Atrazine	16.975	200	256804	20.569	ng	99
70) Pentachlorophenol	17.175	266	243337	19.708	ng	99
71) Phenanthrene	17.575	178	1446056	20.459	ng	99
72) Anthracene	17.663	178	1451249	20.338	ng	99
73) Carbazole	17.928	167	1326191	20.468	ng	99
74) Di-n-butylphthalate	18.457	149	1430613	20.176	ng	100
75) Fluoranthene	19.522	202	1787091	20.309	ng	100
77) Benzidine	19.692	184	568778	19.038	ng	98
78) Pyrene	19.875	202	1873915	20.138	ng	99
80) Butylbenzylphthalate	20.727	149	480313	18.907	ng	97
81) Benzo(a)anthracene	21.592	228	1934856	20.140	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	618557	20.365	ng	99
83) Chrysene	21.645	228	1848560	20.196	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	841635	19.458	ng	100
85) Di-n-octyl phthalate	22.474	149	1533037	19.409	ng	100
87) Indeno(1,2,3-cd)pyrene	26.898	276	2421888	19.951	ng	99
88) Benzo(b)fluoranthene	23.386	252	1964422	20.477	ng	99
89) Benzo(k)fluoranthene	23.439	252	1941694	20.207	ng	99
90) Benzo(a)pyrene	24.063	252	1914185	20.101	ng	99
91) Dibenzo(a,h)anthracene	26.921	278	2016395	20.011	ng	98
92) Benzo(g,h,i)perylene	27.739	276	1993206	19.917	ng	99

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

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