Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
Data File : BP013462.D
Acq On : 12 Jan 2023 16:51
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jan 13 02:33:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 02:28:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	508557	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	2170099	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1463819	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3323482	20.000	ng		0.00
76) Chrysene-d12	21.404	240	3334095	20.000	ng		0.00
86) Perylene-d12	23.869	264	4033215	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	1183932	42.536	ng		0.00
7) Phenol-d6	7.075	99	1680111	46.222	ng		0.00
23) Nitrobenzene-d5	9.081	82	1670163	42.193	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	920131	52.135	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	4260606	39.520	ng		0.00
79) Terphenyl-d14	19.869	244	7016078	41.516	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	235594	19.103	ng		100
3) Pyridine	3.746	79	717677	20.491	ng		99
4) n-Nitrosodimethylamine	3.652	42	352491	22.458	ng	#	98
6) Aniline	7.234	93	1128730	25.643	ng		99
8) 2-Chlorophenol	7.469	128	688906	20.995	ng		98
9) Benzaldehyde	7.046	77	534640	24.514	ng		98
10) Phenol	7.099	94	871858	21.429	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	703837	21.487	ng		99
12) 1,3-Dichlorobenzene	7.799	146	735872	19.276	ng		99
13) 1,4-Dichlorobenzene	7.946	146	738519	18.995	ng		100
14) 1,2-Dichlorobenzene	8.264	146	725917	19.672	ng		99
15) Benzyl Alcohol	8.152	79	642560	24.369	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1085084	22.871	ng		100
17) 2-Methylphenol	8.358	107	643455	23.927	ng		98
18) Hexachloroethane	8.987	117	258986	19.670	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	614584	26.034	ng		98
20) 3+4-Methylphenols	8.687	107	898864	24.585	ng		99
22) Acetophenone	8.740	105	1143590	21.177	ng	#	99
24) Nitrobenzene	9.122	77	863136	20.922	ng		99
25) Isophorone	9.646	82	1713123	25.481	ng		99
26) 2-Nitrophenol	9.834	139	421338	22.311	ng		99
27) 2,4-Dimethylphenol	9.893	122	698502	24.554	ng		100
28) bis(2-Chloroethoxy)met...	10.128	93	1008984	23.405	ng		99
29) 2,4-Dichlorophenol	10.369	162	729026	20.765	ng		99
30) 1,2,4-Trichlorobenzene	10.587	180	772583	18.644	ng		99
31) Naphthalene	10.775	128	2338869	19.683	ng		100
32) Benzoic acid	10.022	122	566954	25.260	ng		98
33) 4-Chloroaniline	10.887	127	1067757	24.095	ng		99
34) Hexachlorobutadiene	11.052	225	487585	18.445	ng		98
35) Caprolactam	11.681	113	259083	28.581	ng		99
36) 4-Chloro-3-methylphenol	12.010	107	797775	24.328	ng		100
37) 2-Methylnaphthalene	12.381	142	1757891	21.998	ng		100
38) 1-Methylnaphthalene	12.599	142	1663817	21.381	ng		100
40) 1,2,4,5-Tetrachloroben...	12.746	216	978172	18.731	ng		99
41) Hexachlorocyclopentadiene	12.722	237	495313	18.811	ng		99
43) 2,4,6-Trichlorophenol	12.993	196	670172	20.351	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	786013	22.092	ng	99
46) 1,1'-Biphenyl	13.387	154	2270440	19.616	ng	100
47) 2-Chloronaphthalene	13.434	162	1728606	18.791	ng	100
48) 2-Nitroaniline	13.640	65	565921	24.866	ng	96
49) Acenaphthylene	14.281	152	2865081	21.173	ng	99
50) Dimethylphthalate	14.010	163	2356466	22.009	ng	100
51) 2,6-Dinitrotoluene	14.140	165	512807	23.405	ng	98
52) Acenaphthene	14.622	154	1692054	20.114	ng	99
53) 3-Nitroaniline	14.469	138	540777	24.206	ng	95
54) 2,4-Dinitrophenol	14.681	184	319820	24.501	ng	99
55) Dibenzofuran	14.957	168	2830902	21.028	ng	99
56) 4-Nitrophenol	14.781	139	441066	24.089	ng	99
57) 2,4-Dinitrotoluene	14.928	165	694923	25.374	ng	95
58) Fluorene	15.610	166	2276335	21.846	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.187	232	678244	22.301	ng	99
60) Diethylphthalate	15.375	149	2316462	23.534	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	1196944	22.196	ng	99
62) 4-Nitroaniline	15.634	138	566588	27.172	ng	99
63) Azobenzene	15.893	77	2136897	23.360	ng	100
65) 4,6-Dinitro-2-methylph...	15.693	198	458171	21.460	ng	97
66) n-Nitrosodiphenylamine	15.816	169	1997756	19.252	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	768944	19.567	ng	99
68) Hexachlorobenzene	16.616	284	845645	18.378	ng	99
69) Atrazine	16.775	200	725012	24.902	ng	99
70) Pentachlorophenol	16.963	266	609226	22.482	ng	99
71) Phenanthrene	17.357	178	3652693	19.315	ng	99
72) Anthracene	17.451	178	3723136	20.971	ng	99
73) Carbazole	17.722	167	3351738	21.535	ng	100
74) Di-n-butylphthalate	18.263	149	4014527	23.450	ng	99
75) Fluoranthene	19.328	202	4450752	21.865	ng	99
77) Benzidine	19.504	184	1995285	42.132	ng	100
78) Pyrene	19.681	202	4651953	19.418	ng	98
80) Butylbenzylphthalate	20.545	149	1897580	24.431	ng	99
81) Benzo(a)anthracene	21.392	228	4784031	20.993	ng	98
82) 3,3'-Dichlorobenzidine	21.322	252	1753263	25.836	ng	99
83) Chrysene	21.445	228	4480356	20.155	ng	98
84) Bis(2-ethylhexyl)phtha...	21.298	149	2810524	26.603	ng	99
85) Di-n-octyl phthalate	22.239	149	4942128	27.854	ng	99
87) Indeno(1,2,3-cd)pyrene	26.439	276	6092409	18.487	ng	100
88) Benzo(b)fluoranthene	23.116	252	4951139	19.066	ng	99
89) Benzo(k)fluoranthene	23.163	252	4735361	18.026	ng	99
90) Benzo(a)pyrene	23.757	252	4819134	22.114	ng	99
91) Dibenzo(a,h)anthracene	26.457	278	5106129	18.644	ng	99
92) Benzo(g,h,i)perylene	27.227	276	5037629	18.564	ng	99

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

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