Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013673.D
Acq On : 31 Jan 2023 13:38
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Feb 01 03:02:45 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	222064	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	832306	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	549003	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	1258361	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1280889	20.000	ng	0.00
86) Perylene-d12	24.186	264	1494510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1077734	82.964	ng	0.00
7) Phenol-d6	7.287	99	1429683	82.610	ng	0.00
23) Nitrobenzene-d5	9.316	82	1197854	83.718	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	671410	81.537	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	3202615	81.627	ng	0.00
79) Terphenyl-d14	20.063	244	5297061	82.120	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	222710	40.524	ng	100
3) Pyridine	3.934	79	666382	42.828	ng	100
4) n-Nitrosodimethylamine	3.834	42	233740	41.197	ng	100
6) Aniline	7.457	93	929847	41.214	ng	100
8) 2-Chlorophenol	7.699	128	564404	41.270	ng	100
9) Benzaldehyde	7.269	77	373258	42.688	ng	100
10) Phenol	7.316	94	748446	41.398	ng	100
11) bis(2-Chloroethyl)ether	7.552	93	589722	40.833	ng	100
12) 1,3-Dichlorobenzene	8.028	146	630619	40.935	ng	100
13) 1,4-Dichlorobenzene	8.175	146	638142	40.940	ng	100
14) 1,2-Dichlorobenzene	8.499	146	614332	41.187	ng	100
15) Benzyl Alcohol	8.381	79	511116	41.708	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.675	45	691293	40.829	ng	100
17) 2-Methylphenol	8.581	107	527558	41.641	ng	100
18) Hexachloroethane	9.240	117	207339	40.339	ng	100
19) n-Nitroso-di-n-propyla...	8.952	70	458666	42.241	ng	100
20) 3+4-Methylphenols	8.910	107	719832	41.649	ng	100
22) Acetophenone	8.969	105	883213	40.693	ng	100
24) Nitrobenzene	9.357	77	644174	41.507	ng	100
25) Isophorone	9.887	82	1295693	40.857	ng	100
26) 2-Nitrophenol	10.075	139	272155	41.896	ng	100
27) 2,4-Dimethylphenol	10.128	122	527076	39.631	ng	100
28) bis(2-Chloroethoxy)met...	10.363	93	758692	39.915	ng	100
29) 2,4-Dichlorophenol	10.610	162	567631	40.748	ng	100
30) 1,2,4-Trichlorobenzene	10.828	180	618921	40.042	ng	100
31) Naphthalene	11.022	128	1763772	40.303	ng	100
32) Benzoic acid	10.246	122	386879	40.662	ng	100
33) 4-Chloroaniline	11.128	127	786258	40.889	ng	100
34) Hexachlorobutadiene	11.304	225	388480	39.594	ng	100
35) Caprolactam	11.910	113	185916	40.797	ng	100
36) 4-Chloro-3-methylphenol	12.234	107	595647	40.649	ng	100
37) 2-Methylnaphthalene	12.616	142	1319106	40.088	ng	100
38) 1-Methylnaphthalene	12.834	142	1236119	39.991	ng	100
40) 1,2,4,5-Tetrachloroben...	12.981	216	763524	40.736	ng	100
41) Hexachlorocyclopentadiene	12.957	237	340961	39.856	ng	100
43) 2,4,6-Trichlorophenol	13.216	196	511316	41.429	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	596651	41.290	ng	100
46) 1,1'-Biphenyl	13.616	154	1689729	40.672	ng	100
47) 2-Chloronaphthalene	13.657	162	1307801	40.725	ng	100
48) 2-Nitroaniline	13.857	65	293611	42.788	ng	100
49) Acenaphthylene	14.504	152	2110366	40.750	ng	100
50) Dimethylphthalate	14.228	163	1723395	40.585	ng	100
51) 2,6-Dinitrotoluene	14.345	165	336022	44.275	ng	100
52) Acenaphthene	14.845	154	1345553	41.655	ng	100
53) 3-Nitroaniline	14.681	138	359021	43.376	ng	100
54) 2,4-Dinitrophenol	14.881	184	185402	40.138	ng	100
55) Dibenzofuran	15.175	168	2089455	40.044	ng	100
56) 4-Nitrophenol	14.975	139	302516	41.089	ng	100
57) 2,4-Dinitrotoluene	15.134	165	439259	44.103	ng	100
58) Fluorene	15.828	166	1652833	40.346	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	512200	40.762	ng	100
60) Diethylphthalate	15.586	149	1640284	40.293	ng	100
61) 4-Chlorophenyl-phenyle...	15.816	204	892211	39.994	ng	100
62) 4-Nitroaniline	15.839	138	360732	43.886	ng	100
63) Azobenzene	16.110	77	1531962	40.739	ng	100
65) 4,6-Dinitro-2-methylph...	15.892	198	268458	40.935	ng	100
66) n-Nitrosodiphenylamine	16.028	169	1470425	40.160	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	579044	40.142	ng	100
68) Hexachlorobenzene	16.833	284	632460	39.595	ng	100
69) Atrazine	16.975	200	505947	42.466	ng	100
70) Pentachlorophenol	17.175	266	491204	41.689	ng	100
71) Phenanthrene	17.575	178	2704677	40.100	ng	100
72) Anthracene	17.663	178	2772105	40.710	ng	100
73) Carbazole	17.928	167	2514663	40.670	ng	100
74) Di-n-butylphthalate	18.463	149	2760119	40.793	ng	100
75) Fluoranthene	19.522	202	3387517	40.342	ng	100
77) Benzidine	19.692	184	1207090	43.630	ng	100
78) Pyrene	19.874	202	3529561	40.958	ng	100
80) Butylbenzylphthalate	20.733	149	968804	41.181	ng	100
81) Benzo(a)anthracene	21.592	228	3630899	40.811	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	1186038	42.166	ng	100
83) Chrysene	21.651	228	3438900	40.570	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1648094	41.145	ng	100
85) Di-n-octyl phthalate	22.474	149	3004302	41.073	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4572359	40.229	ng	100
88) Benzo(b)fluoranthene	23.392	252	3591203	39.981	ng	100
89) Benzo(k)fluoranthene	23.445	252	3729657	41.455	ng	100
90) Benzo(a)pyrene	24.074	252	3607697	40.462	ng	100
91) Dibenzo(a,h)anthracene	26.927	278	3806958	40.352	ng	100
92) Benzo(g,h,i)perylene	27.751	276	3759929	40.127	ng	100

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

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