Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111222\
Data File : BM037492.D
Acq On : 12 Nov 2022 14:41
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Nov 14 00:36:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 00:33:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	242990	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1094325	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	717519	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1506453	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1752685	20.000	ng	0.00
86) Perylene-d12	23.715	264	1775000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	983343	69.915	ng	0.00
7) Phenol-d6	6.981	99	1445899	75.745	ng	0.00
23) Nitrobenzene-d5	8.975	82	1620735	74.722	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	776711	91.856	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	3929820	72.772	ng	0.00
79) Terphenyl-d14	19.821	244	6898879	70.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	194222	33.723	ng	100
3) Pyridine	3.657	79	628977	36.657	ng	100
4) n-Nitrosodimethylamine	3.575	42	278002	37.069	ng	100
6) Aniline	7.134	93	895950	38.393	ng	100
8) 2-Chlorophenol	7.363	128	662115	38.679	ng	100
9) Benzaldehyde	6.951	77	376091	38.923	ng	100
10) Phenol	7.010	94	806523	37.707	ng	100
11) bis(2-Chloroethyl)ether	7.234	93	643545	37.527	ng	100
12) 1,3-Dichlorobenzene	7.686	146	701112	37.481	ng	100
13) 1,4-Dichlorobenzene	7.833	146	725579	37.604	ng	100
14) 1,2-Dichlorobenzene	8.151	146	720388	38.873	ng	100
15) Benzyl Alcohol	8.057	79	569124	41.702	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.339	45	937015	38.326	ng	100
17) 2-Methylphenol	8.257	107	581809	41.622	ng	100
18) Hexachloroethane	8.869	117	274128	40.285	ng	100
19) n-Nitroso-di-n-propyla...	8.622	70	560749	42.708	ng	100
20) 3+4-Methylphenols	8.592	107	821369	42.779	ng	100
22) Acetophenone	8.633	105	1075750	37.821	ng	100
24) Nitrobenzene	9.016	77	819569	37.270	ng	100
25) Isophorone	9.545	82	1452357	40.064	ng	100
26) 2-Nitrophenol	9.722	139	393192	39.940	ng	100
27) 2,4-Dimethylphenol	9.786	122	553837	37.908	ng	100
28) bis(2-Chloroethoxy)met...	10.027	93	837819	37.146	ng	100
29) 2,4-Dichlorophenol	10.257	162	669976	39.949	ng	100
30) 1,2,4-Trichlorobenzene	10.463	180	707336	37.192	ng	100
31) Naphthalene	10.651	128	2289084	36.921	ng	100
32) Benzoic acid	9.957	122	515919	43.525	ng	100
33) 4-Chloroaniline	10.780	127	962464	38.972	ng	100
34) Hexachlorobutadiene	10.922	225	412116	38.806	ng	100
35) Caprolactam	11.598	113	237169	46.517	ng	100
36) 4-Chloro-3-methylphenol	11.910	107	715644	41.408	ng	100
37) 2-Methylnaphthalene	12.269	142	1625430	38.694	ng	100
38) 1-Methylnaphthalene	12.486	142	1610853	39.246	ng	100
40) 1,2,4,5-Tetrachloroben...	12.633	216	782690	36.280	ng	100
41) Hexachlorocyclopentadiene	12.604	237	349903	34.041	ng	100
43) 2,4,6-Trichlorophenol	12.880	196	578328	38.941	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	646470	39.460	ng	100
46) 1,1'-Biphenyl	13.280	154	2065118	35.665	ng	100
47) 2-Chloronaphthalene	13.321	162	1663404	36.100	ng	100
48) 2-Nitroaniline	13.545	65	534694	40.155	ng	100
49) Acenaphthylene	14.168	152	2687171	37.568	ng	100
50) Dimethylphthalate	13.921	163	2137157	38.995	ng	100
51) 2,6-Dinitrotoluene	14.045	165	469865	40.484	ng	100
52) Acenaphthene	14.510	154	1620155	36.638	ng	100
53) 3-Nitroaniline	14.374	138	519696	40.082	ng	100
54) 2,4-Dinitrophenol	14.586	184	281887	43.667	ng	100
55) Dibenzofuran	14.845	168	2580628	37.889	ng	100
56) 4-Nitrophenol	14.692	139	409199	39.560	ng	100
57) 2,4-Dinitrotoluene	14.833	165	665166	43.555	ng	100
58) Fluorene	15.498	166	2227193	39.176	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	578911	42.159	ng	100
60) Diethylphthalate	15.274	149	2165563	40.655	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	1044896	39.727	ng	100
62) 4-Nitroaniline	15.539	138	505950	38.908	ng	100
63) Azobenzene	15.786	77	2073846	39.521	ng	100
65) 4,6-Dinitro-2-methylph...	15.592	198	393945	40.702	ng	100
66) n-Nitrosodiphenylamine	15.709	169	1824946	35.840	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	631963	37.383	ng	100
68) Hexachlorobenzene	16.492	284	783708	38.307	ng	100
69) Atrazine	16.668	200	517551	40.396	ng	100
70) Pentachlorophenol	16.845	266	479989	40.320	ng	100
71) Phenanthrene	17.239	178	3454449	36.961	ng	100
72) Anthracene	17.327	178	3342925	37.782	ng	100
73) Carbazole	17.603	167	3118888	38.428	ng	100
74) Di-n-butylphthalate	18.162	149	3901845	43.538	ng	100
75) Fluoranthene	19.250	202	4130734	41.811	ng	100
77) Benzidine	19.450	184	957613	36.641	ng	100
78) Pyrene	19.615	202	4374373	32.457	ng	100
80) Butylbenzylphthalate	20.515	149	1907341	39.627	ng	100
81) Benzo(a)anthracene	21.362	228	4608116	36.930	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1504915	41.063	ng	100
83) Chrysene	21.415	228	4353771	36.216	ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	2823123	43.702	ng	100
85) Di-n-octyl phthalate	22.197	149	4715725	46.351	ng	100
87) Indeno(1,2,3-cd)pyrene	26.144	276	5362457	36.898	ng	100
88) Benzo(b)fluoranthene	23.009	252	4571534	37.098	ng	100
89) Benzo(k)fluoranthene	23.056	252	4509126	35.873	ng	100
90) Benzo(a)pyrene	23.615	252	3726345	37.113	ng	100
91) Dibenzo(a,h)anthracene	26.150	278	4499055	37.278	ng	100
92) Benzo(g,h,i)perylene	26.879	276	4179553	35.582	ng	100

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

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