Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
Data File : BM040222.D
Acq On : 13 Jun 2023 13:01
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 13 19:01:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 18:52:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	472133	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	2032751	20.000	ng		0.00
39) Acenaphthene-d10	14.622	164	1190115	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	2452887	20.000	ng		0.00
76) Chrysene-d12	21.545	240	2328367	20.000	ng		0.00
86) Perylene-d12	23.974	264	2398010	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2902676	95.322	ng		0.00
7) Phenol-d6	7.146	99	4025562	96.964	ng		0.00
23) Nitrobenzene-d5	9.151	82	3892691	100.275	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	1710686	103.040	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	8611065	99.316	ng		0.00
79) Terphenyl-d14	19.980	244	11876088	99.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	552628	45.440	ng		99
3) Pyridine	3.799	79	1691126	49.210	ng		99
4) n-Nitrosodimethylamine	3.705	42	750987	48.163	ng		99
6) Aniline	7.304	93	2483522	48.738	ng		100
8) 2-Chlorophenol	7.540	128	1584849	48.909	ng		100
9) Benzaldehyde	7.116	77	999977	43.211	ng		99
10) Phenol	7.169	94	1967432	48.440	ng		99
11) bis(2-Chloroethyl)ether	7.404	93	1618561	48.055	ng		99
12) 1,3-Dichlorobenzene	7.869	146	1610171	48.129	ng		98
13) 1,4-Dichlorobenzene	8.016	146	1628491	48.079	ng		99
14) 1,2-Dichlorobenzene	8.334	146	1605887	48.490	ng		99
15) Benzyl Alcohol	8.222	79	1499663	50.366	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	2258394	48.549	ng		99
17) 2-Methylphenol	8.428	107	1486913	49.908	ng		99
18) Hexachloroethane	9.069	117	617518	49.418	ng		97
19) n-Nitroso-di-n-propyla...	8.798	70	1406543	50.438	ng		100
20) 3+4-Methylphenols	8.757	107	2039891	50.053	ng		98
22) Acetophenone	8.810	105	2626099	49.631	ng	#	100
24) Nitrobenzene	9.192	77	1983033	49.771	ng		99
25) Isophorone	9.722	82	3787166	50.210	ng		100
26) 2-Nitrophenol	9.904	139	887356	52.114	ng		99
27) 2,4-Dimethylphenol	9.963	122	1570989	49.617	ng		99
28) bis(2-Chloroethoxy)met...	10.204	93	2317466	48.881	ng		100
29) 2,4-Dichlorophenol	10.439	162	1511704	50.397	ng		100
30) 1,2,4-Trichlorobenzene	10.657	180	1500828	49.098	ng		99
31) Naphthalene	10.845	128	5294971	48.484	ng		100
32) Benzoic acid	10.128	122	1198638	47.951	ng		99
33) 4-Chloroaniline	10.957	127	2432864	49.803	ng		100
34) Hexachlorobutadiene	11.128	225	857754	49.915	ng		99
35) Caprolactam	11.763	113	535295	51.209	ng		99
36) 4-Chloro-3-methylphenol	12.081	107	1727626	49.653	ng		100
37) 2-Methylnaphthalene	12.451	142	3741820	48.327	ng		99
38) 1-Methylnaphthalene	12.669	142	3548209	48.520	ng		100
40) 1,2,4,5-Tetrachloroben...	12.816	216	1682303	50.836	ng		100
41) Hexachlorocyclopentadiene	12.798	237	985482	54.135	ng		99
43) 2,4,6-Trichlorophenol	13.057	196	1188293	51.780	ng		100

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44) 2,4,5-Trichlorophenol	13.128	196	1399822	51.205	ng	99
46) 1,1'-Biphenyl	13.457	154	4646999	49.469	ng	100
47) 2-Chloronaphthalene	13.498	162	3468068	49.854	ng	99
48) 2-Nitroaniline	13.704	65	1214691	52.967	ng	99
49) Acenaphthylene	14.345	152	5795404	49.943	ng	99
50) Dimethylphthalate	14.080	163	4619939	48.784	ng	99
51) 2,6-Dinitrotoluene	14.198	165	976865	50.696	ng	96
52) Acenaphthene	14.686	154	3508674	49.561	ng	99
53) 3-Nitroaniline	14.533	138	1182335	51.648	ng	98
54) 2,4-Dinitrophenol	14.733	184	567644	48.466	ng	95
55) Dibenzofuran	15.016	168	5456217	48.721	ng	99
56) 4-Nitrophenol	14.833	139	937700	52.405	ng	98
57) 2,4-Dinitrotoluene	14.986	165	1344483	51.776	ng	97
58) Fluorene	15.669	166	4503618	49.393	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	1120239	50.378	ng	99
60) Diethylphthalate	15.439	149	4795022	49.276	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	2260232	50.402	ng	99
62) 4-Nitroaniline	15.698	138	1230939	52.329	ng	98
63) Azobenzene	15.951	77	4910903	50.255	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	765660	52.064	ng	98
66) n-Nitrosodiphenylamine	15.874	169	3870407	50.002	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	1284425	50.019	ng	100
68) Hexachlorobenzene	16.668	284	1412891	49.811	ng	99
69) Atrazine	16.827	200	1169116	50.468	ng	98
70) Pentachlorophenol	17.015	266	1077798	52.998	ng	99
71) Phenanthrene	17.410	178	6712620	49.180	ng	99
72) Anthracene	17.498	178	6926887	50.257	ng	99
73) Carbazole	17.768	167	6456120	49.786	ng	100
74) Di-n-butylphthalate	18.327	149	8396251	52.202	ng	100
75) Fluoranthene	19.421	202	7578794	50.098	ng	99
77) Benzidine	19.604	184	2227621	51.518	ng	99
78) Pyrene	19.780	202	8068080	50.515	ng	99
80) Butylbenzylphthalate	20.674	149	3817103	52.181	ng	99
81) Benzo(a)anthracene	21.527	228	8107051	51.107	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	2889584	53.189	ng	99
83) Chrysene	21.580	228	7578363	50.482	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	5745843	51.903	ng	99
85) Di-n-octyl phthalate	22.386	149	9799280	52.994	ng	100
87) Indeno(1,2,3-cd)pyrene	26.521	276	8110989	51.063	ng	99
88) Benzo(b)fluoranthene	23.233	252	7489381	52.178	ng	99
89) Benzo(k)fluoranthene	23.286	252	7558850	51.206	ng	99
90) Benzo(a)pyrene	23.874	252	7058890	51.842	ng	99
91) Dibenzo(a,h)anthracene	26.533	278	6973102	51.620	ng	100
92) Benzo(g,h,i)perylene	27.303	276	5987555	49.523	ng	99

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

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