Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033643.D
Acq On : 05 Jan 2022 13:43
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jan 05 15:11:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 15:08:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	188056	20.000	ng		0.00
21) Naphthalene-d8	10.807	136	740981	20.000	ng		0.00
39) Acenaphthene-d10	14.624	164	421155	20.000	ng		0.00
64) Phenanthrene-d10	17.360	188	758585	20.000	ng		0.00
76) Chrysene-d12	21.524	240	684556	20.000	ng		0.00
86) Perylene-d12	23.953	264	718926	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	956113	87.511	ng		0.00
7) Phenol-d6	7.137	99	1277832	83.540	ng		0.00
23) Nitrobenzene-d5	9.154	82	1303535	73.070	ng		0.00
42) 2,4,6-Tribromophenol	16.107	330	351199	67.723	ng		0.00
45) 2-Fluorobiphenyl	13.260	172	2606776	87.266	ng		0.00
79) Terphenyl-d14	19.971	244	3019084	73.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	212259	46.550	ng		95
3) Pyridine	3.772	79	561482	48.754	ng		96
4) n-Nitrosodimethylamine	3.678	42	280665	32.638	ng	#	73
6) Aniline	7.301	93	722269	41.369	ng		97
8) 2-Chlorophenol	7.548	128	515185	42.787	ng		91
9) Benzaldehyde	7.113	77	404029	38.493	ng		90
10) Phenol	7.166	94	643454	42.376	ng		94
11) bis(2-Chloroethyl)ether	7.401	93	506420	43.741	ng		96
12) 1,3-Dichlorobenzene	7.878	146	577468	40.654	ng		96
13) 1,4-Dichlorobenzene	8.025	146	591979	40.996	ng		97
14) 1,2-Dichlorobenzene	8.343	146	570016	40.125	ng		99
15) Benzyl Alcohol	8.225	79	530266	36.803	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.525	45	760560	37.166	ng		99
17) 2-Methylphenol	8.431	107	444065	40.222	ng		96
18) Hexachloroethane	9.084	117	227417	38.505	ng		98
19) n-Nitroso-di-n-propyla...	8.801	70	418501	35.124	ng		93
20) 3+4-Methylphenols	8.760	107	613079	40.503	ng		95
22) Acetophenone	8.813	105	797002	39.265	ng	#	95
24) Nitrobenzene	9.195	77	608967	35.716	ng		95
25) Isophorone	9.725	82	1067365	37.962	ng		98
26) 2-Nitrophenol	9.907	139	271400	41.670	ng		90
27) 2,4-Dimethylphenol	9.972	122	430995	42.862	ng		95
28) bis(2-Chloroethoxy)met...	10.213	93	692557	43.956	ng		98
29) 2,4-Dichlorophenol	10.448	162	472556	40.317	ng		97
30) 1,2,4-Trichlorobenzene	10.666	180	528247	38.247	ng		97
31) Naphthalene	10.854	128	1621318	40.763	ng		99
32) Benzoic acid	10.101	122	323759	39.525	ng		88
33) 4-Chloroaniline	10.954	127	641103	42.415	ng		95
34) Hexachlorobutadiene	11.154	225	349194	36.762	ng		97
35) Caprolactam	11.736	113	129510	52.799	ng	#	82
36) 4-Chloro-3-methylphenol	12.078	107	542951	35.990	ng		99
37) 2-Methylnaphthalene	12.466	142	1090192	38.260	ng		99
38) 1-Methylnaphthalene	12.678	142	1059383	37.203	ng		99
40) 1,2,4,5-Tetrachloroben...	12.830	216	540658	44.679	ng		100
41) Hexachlorocyclopentadiene	12.819	237	353433	52.549	ng		98
43) 2,4,6-Trichlorophenol	13.060	196	357953	42.031	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.130	196	370494	40.978	ng		97
46) 1,1'-Biphenyl	13.466	154	1396337	45.182	ng		99
47) 2-Chloronaphthalene	13.507	162	1049129	43.758	ng		97
48) 2-Nitroaniline	13.701	65	337614	36.862	ng	#	87
49) Acenaphthylene	14.348	152	1643379	42.798	ng		99
50) Dimethylphthalate	14.083	163	1318713	40.619	ng		98
51) 2,6-Dinitrotoluene	14.195	165	262956	40.575	ng		92
52) Acenaphthene	14.689	154	1062505	46.059	ng		99
53) 3-Nitroaniline	14.519	138	278846	43.813	ng		94
54) 2,4-Dinitrophenol	14.719	184	125700	31.165	ng		88
55) Dibenzofuran	15.024	168	1575692	39.889	ng		96
56) 4-Nitrophenol	14.813	139	223363	45.463	ng		93
57) 2,4-Dinitrotoluene	14.972	165	340806	37.675	ng		92
58) Fluorene	15.671	166	1197283	37.600	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.242	232	312715	37.681	ng		97
60) Diethylphthalate	15.442	149	1365730	38.988	ng		99
61) 4-Chlorophenyl-phenyle...	15.666	204	621957	37.053	ng		95
62) 4-Nitroaniline	15.671	138	276443	42.155	ng		91
63) Azobenzene	15.954	77	1338844	34.635	ng		96
65) 4,6-Dinitro-2-methylph...	15.736	198	180771	35.706	ng		91
66) n-Nitrosodiphenylamine	15.871	169	1035354	46.017	ng		99
67) 4-Bromophenyl-phenylether	16.554	248	329053	40.191	ng		94
68) Hexachlorobenzene	16.671	284	383301	43.400	ng		99
69) Atrazine	16.818	200	361750	71.583	ng		99
70) Pentachlorophenol	17.007	266	247620	45.922	ng		100
71) Phenanthrene	17.401	178	1748555	41.780	ng		99
72) Anthracene	17.495	178	1729013	42.002	ng		99
73) Carbazole	17.760	167	1660954	42.055	ng		100
74) Di-n-butylphthalate	18.330	149	2146599	43.916	ng		100
75) Fluoranthene	19.407	202	1895586	39.598	ng		99
77) Benzidine	19.583	184	848993	112.407	ng		100
78) Pyrene	19.771	202	1939388	38.139	ng		98
80) Butylbenzylphthalate	20.665	149	905002	40.802	ng		95
81) Benzo(a)anthracene	21.506	228	1872570	40.152	ng		98
82) 3,3'-Dichlorobenzidine	21.436	252	687837	32.837	ng		99
83) Chrysene	21.559	228	1793420	40.097	ng		99
84) Bis(2-ethylhexyl)phtha...	21.442	149	1335705	43.657	ng		100
85) Di-n-octyl phthalate	22.383	149	2247687	44.927	ng		94
87) Indeno(1,2,3-cd)pyrene	26.506	276	2170012	42.618	ng		98
88) Benzo(b)fluoranthene	23.218	252	1882483	40.881	ng		99
89) Benzo(k)fluoranthene	23.265	252	1792852	39.065	ng		98
90) Benzo(a)pyrene	23.847	252	1573828	40.597	ng		98
91) Dibenzo(a,h)anthracene	26.524	278	1795034	41.759	ng		97
92) Benzo(g,h,i)perylene	27.288	276	1759561	41.565	ng		97

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

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