Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
Data File : BM034074.D
Acq On : 24 Feb 2022 19:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 25 01:11:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 17:55:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.013	152	140820	20.000	ng		-0.01
21) Naphthalene-d8	10.825	136	521212	20.000	ng		#-0.01
39) Acenaphthene-d10	14.648	164	350139	20.000	ng		0.00
64) Phenanthrene-d10	17.383	188	765684	20.000	ng		#-0.01
76) Chrysene-d12	21.559	240	856581	20.000	ng		# 0.00
86) Perylene-d12	24.018	264	900768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.560	112	636887	80.623	ng		0.00
7) Phenol-d6	7.160	99	794375	76.579	ng		-0.01
23) Nitrobenzene-d5	9.172	82	777267	80.477	ng		-0.01
42) 2,4,6-Tribromophenol	16.130	330	388226	91.357	ng		0.00
45) 2-Fluorobiphenyl	13.277	172	2083110	79.264	ng		-0.01
79) Terphenyl-d14	20.000	244	3670669	74.621	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	116826	38.465	ng		86
3) Pyridine	3.825	79	325866	38.191	ng		89
4) n-Nitrosodimethylamine	3.731	42	171788	40.250	ng		86
6) Aniline	7.325	93	425955	37.161	ng		92
8) 2-Chlorophenol	7.572	128	347216	39.288	ng		82
9) Benzaldehyde	7.137	77	200661	34.457	ng		89
10) Phenol	7.190	94	387647	37.993	ng		91
11) bis(2-Chloroethyl)ether	7.425	93	291861	35.850	ng		87
12) 1,3-Dichlorobenzene	7.901	146	413922	39.845	ng	#	94
13) 1,4-Dichlorobenzene	8.048	146	423840	39.917	ng		94
14) 1,2-Dichlorobenzene	8.366	146	407646	39.337	ng		95
15) Benzyl Alcohol	8.242	79	303295	37.917	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.548	45	344710	31.844	ng		94
17) 2-Methylphenol	8.448	107	270730	37.671	ng		95
18) Hexachloroethane	9.107	117	143202	39.407	ng	#	86
19) n-Nitroso-di-n-propyla...	8.819	70	237412	35.409	ng	#	92
20) 3+4-Methylphenols	8.778	107	369644	37.250	ng		95
22) Acetophenone	8.831	105	492398	39.112	ng	#	93
24) Nitrobenzene	9.213	77	356957	39.699	ng	#	89
25) Isophorone	9.748	82	591539	37.944	ng	#	91
26) 2-Nitrophenol	9.931	139	188657	44.531	ng	#	80
27) 2,4-Dimethylphenol	9.989	122	274391	40.088	ng		92
28) bis(2-Chloroethoxy)met...	10.231	93	385805	36.598	ng	#	97
29) 2,4-Dichlorophenol	10.466	162	346768	40.975	ng		95
30) 1,2,4-Trichlorobenzene	10.689	180	405478	40.813	ng		97
31) Naphthalene	10.878	128	1048418	39.152	ng		99
32) Benzoic acid	10.101	122	234364	45.211	ng	#	83
33) 4-Chloroaniline	10.978	127	438835	40.024	ng	#	88
34) Hexachlorobutadiene	11.172	225	265146	42.003	ng		96
35) Caprolactam	11.742	113	103774	60.830	ng	#	60
36) 4-Chloro-3-methylphenol	12.095	107	336823	40.420	ng	#	85
37) 2-Methylnaphthalene	12.483	142	757185	38.757	ng		97
38) 1-Methylnaphthalene	12.701	142	743800	39.047	ng		99
40) 1,2,4,5-Tetrachloroben...	12.848	216	449184	40.126	ng	#	97
41) Hexachlorocyclopentadiene	12.836	237	263747	40.333	ng		98
43) 2,4,6-Trichlorophenol	13.083	196	312993	44.215	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	336458	46.787	ng	#	89
46) 1,1'-Biphenyl	13.483	154	1034637	38.675	ng		96
47) 2-Chloronaphthalene	13.524	162	819762	39.243	ng		95
48) 2-Nitroaniline	13.719	65	217989	43.942	ng	#	73
49) Acenaphthylene	14.366	152	1248369	39.877	ng		98
50) Dimethylphthalate	14.101	163	1051557	40.509	ng		98
51) 2,6-Dinitrotoluene	14.213	165	219920	42.814	ng	#	82
52) Acenaphthene	14.713	154	844992	40.849	ng		99
53) 3-Nitroaniline	14.536	138	229036	44.579	ng		80
54) 2,4-Dinitrophenol	14.742	184	140220	50.741	ng	#	77
55) Dibenzofuran	15.042	168	1289784	39.917	ng		98
56) 4-Nitrophenol	14.836	139	198985	47.916	ng	#	82
57) 2,4-Dinitrotoluene	14.995	165	305860	45.790	ng	#	75
58) Fluorene	15.689	166	1061914	40.883	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.266	232	309792	43.979	ng		90
60) Diethylphthalate	15.466	149	1070882	41.255	ng		98
61) 4-Chlorophenyl-phenyle...	15.683	204	560974	40.330	ng		95
62) 4-Nitroaniline	15.695	138	254200	47.675	ng		89
63) Azobenzene	15.977	77	863701	38.304	ng		92
65) 4,6-Dinitro-2-methylph...	15.760	198	203201	45.276	ng	#	68
66) n-Nitrosodiphenylamine	15.895	169	909496	37.941	ng		98
67) 4-Bromophenyl-phenylether	16.577	248	332351	38.423	ng		93
68) Hexachlorobenzene	16.695	284	395454	39.679	ng		91
69) Atrazine	16.842	200	343868	43.365	ng		97
70) Pentachlorophenol	17.036	266	269302	44.728	ng		96
71) Phenanthrene	17.430	178	1672408	39.376	ng		100
72) Anthracene	17.518	178	1661373	40.196	ng		99
73) Carbazole	17.783	167	1645132	42.273	ng		99
74) Di-n-butylphthalate	18.354	149	1833314	41.412	ng		99
75) Fluoranthene	19.436	202	2066450	44.285	ng		96
77) Benzidine	19.618	184	652377	40.896	ng		99
78) Pyrene	19.801	202	2129605	36.200	ng		99
80) Butylbenzylphthalate	20.695	149	867451	38.722	ng		87
81) Benzo(a)anthracene	21.542	228	2222549	39.878	ng		98
82) 3,3'-Dichlorobenzidine	21.471	252	826324	43.900	ng	#	98
83) Chrysene	21.600	228	2117183	39.767	ng		99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1298143	37.934	ng	#	98
85) Di-n-octyl phthalate	22.424	149	2114323	38.983	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.594	276	2700118	42.163	ng	#	94
88) Benzo(b)fluoranthene	23.271	252	2269689	40.208	ng	#	97
89) Benzo(k)fluoranthene	23.318	252	2183074	38.767	ng	#	97
90) Benzo(a)pyrene	23.906	252	1878912	40.506	ng	#	98
91) Dibenzo(a,h)anthracene	26.612	278	2248386	41.746	ng		96
92) Benzo(g,h,i)perylene	27.382	276	2185695	41.892	ng		97

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

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