Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080521\
Data File : BP006499.D
Acq On : 05 Aug 2021 09:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 05 11:56:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	187637	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	830840	20.000	ng	#	0.00
39) Acenaphthene-d10	14.386	164	490151	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	984644	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	964739	20.000	ng	#	0.00
86) Perylene-d12	23.562	264	1000958	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	929516	76.087	ng		0.00
7) Phenol-d6	6.934	99	1386318	79.886	ng		0.00
23) Nitrobenzene-d5	8.916	82	1409600	78.311	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	400796	78.240	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2489672	75.994	ng		0.00
79) Terphenyl-d14	19.710	244	3726051	77.391	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	196333	36.915	ng		89
3) Pyridine	3.693	79	598630	38.295	ng		92
4) n-Nitrosodimethylamine	3.611	42	248019	42.037	ng	#	94
6) Aniline	7.093	93	765792	40.625	ng		92
8) 2-Chlorophenol	7.322	128	522061	39.496	ng		89
9) Benzaldehyde	6.905	77	421533	40.358	ng		89
10) Phenol	6.957	94	695383	39.962	ng		97
11) bis(2-Chloroethyl)ether	7.193	93	525473	39.770	ng		88
12) 1,3-Dichlorobenzene	7.646	146	537098	38.988	ng		96
13) 1,4-Dichlorobenzene	7.793	146	540513	38.660	ng		97
14) 1,2-Dichlorobenzene	8.104	146	526737	39.262	ng		96
15) Benzyl Alcohol	7.999	79	543076	41.731	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.293	45	637932	40.573	ng		92
17) 2-Methylphenol	8.199	107	451707	41.110	ng		97
18) Hexachloroethane	8.828	117	221759	40.072	ng	#	86
19) n-Nitroso-di-n-propyla...	8.569	70	493861	42.418	ng	#	96
20) 3+4-Methylphenols	8.528	107	619168	41.400	ng		97
22) Acetophenone	8.581	105	857094	38.900	ng	#	96
24) Nitrobenzene	8.957	77	725653	38.781	ng		89
25) Isophorone	9.481	82	1274640	39.425	ng		94
26) 2-Nitrophenol	9.663	139	263100	38.637	ng		92
27) 2,4-Dimethylphenol	9.728	122	443839	38.923	ng		95
28) bis(2-Chloroethoxy)met...	9.969	93	669702	38.714	ng		99
29) 2,4-Dichlorophenol	10.193	162	448708	38.867	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	465834	37.551	ng		97
31) Naphthalene	10.593	128	1706694	38.228	ng		99
32) Benzoic acid	9.863	122	325330	36.880	ng		88
33) 4-Chloroaniline	10.704	127	705849	39.070	ng	#	93
34) Hexachlorobutadiene	10.875	225	272275	37.664	ng		98
35) Caprolactam	11.498	113	165933	39.861	ng	#	65
36) 4-Chloro-3-methylphenol	11.834	107	584872	39.874	ng		91
37) 2-Methylnaphthalene	12.204	142	1174354	38.819	ng		99
38) 1-Methylnaphthalene	12.422	142	1113323	38.725	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	476234	37.123	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	268879	39.518	ng		97
43) 2,4,6-Trichlorophenol	12.816	196	337299	38.506	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	370180	38.178	ng	#	87
46) 1,1'-Biphenyl	13.222	154	1419353	38.258	ng		97
47) 2-Chloronaphthalene	13.263	162	1084280	37.952	ng		95
48) 2-Nitroaniline	13.469	65	406943	40.361	ng	#	82
49) Acenaphthylene	14.104	152	1786837	38.787	ng		99
50) Dimethylphthalate	13.857	163	1362725	38.194	ng		99
51) 2,6-Dinitrotoluene	13.975	165	309564	38.883	ng	#	76
52) Acenaphthene	14.451	154	1089665	38.865	ng		98
53) 3-Nitroaniline	14.298	138	349057	39.548	ng		83
54) 2,4-Dinitrophenol	14.504	184	155426	37.332	ng	#	80
55) Dibenzofuran	14.786	168	1703809	38.635	ng		94
56) 4-Nitrophenol	14.604	139	303484	39.600	ng	#	84
57) 2,4-Dinitrotoluene	14.757	165	426289	39.925	ng	#	76
58) Fluorene	15.439	166	1367653	38.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	312008	38.398	ng	#	67
60) Diethylphthalate	15.228	149	1463982	39.066	ng		98
61) 4-Chlorophenyl-phenyle...	15.439	204	608440	38.116	ng	#	89
62) 4-Nitroaniline	15.463	138	378833	40.449	ng		93
63) Azobenzene	15.733	77	1793696	41.054	ng		93
65) 4,6-Dinitro-2-methylph...	15.522	198	223075	37.078	ng		73
66) n-Nitrosodiphenylamine	15.657	169	1181639	38.180	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	361349	38.248	ng	#	85
68) Hexachlorobenzene	16.439	284	406967	37.853	ng	#	87
69) Atrazine	16.616	200	372474	38.568	ng		96
70) Pentachlorophenol	16.786	266	271775	39.842	ng		98
71) Phenanthrene	17.180	178	2131586	38.380	ng		99
72) Anthracene	17.275	178	2083799	38.828	ng		100
73) Carbazole	17.551	167	2112114	38.584	ng		98
74) Di-n-butylphthalate	18.116	149	2472310	39.642	ng		99
75) Fluoranthene	19.157	202	2399430	38.491	ng		94
77) Benzidine	19.345	184	852945	35.332	ng		99
78) Pyrene	19.510	202	2482482	38.524	ng		98
80) Butylbenzylphthalate	20.398	149	1130702	39.903	ng	#	85
81) Benzo(a)anthracene	21.221	228	2401193	38.084	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	642692	38.828	ng	#	97
83) Chrysene	21.274	228	2352367	38.485	ng		100
84) Bis(2-ethylhexyl)phtha...	21.163	149	1683783	39.542	ng	#	96
85) Di-n-octyl phthalate	22.068	149	2795407	39.829	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.974	276	2813569	38.765	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	2513294	38.634	ng	#	96
89) Benzo(k)fluoranthene	22.904	252	2397627	38.386	ng	#	96
90) Benzo(a)pyrene	23.462	252	2260566	38.741	ng	#	94
91) Dibenzo(a,h)anthracene	25.992	278	2431567	38.748	ng	#	93
92) Benzo(g,h,i)perylene	26.703	276	2314566	38.489	ng	#	88

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

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