Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006791.D
Acq On : 20 Aug 2021 09:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 11:26:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	181885	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	780940	20.000	ng	#	0.00
39) Acenaphthene-d10	14.339	164	445303	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	855467	20.000	ng	#	0.00
76) Chrysene-d12	21.204	240	816084	20.000	ng	#	0.00
86) Perylene-d12	23.515	264	847049	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	872236	73.657	ng		0.00
7) Phenol-d6	6.881	99	1199890	71.330	ng		0.00
23) Nitrobenzene-d5	8.857	82	1205637	71.259	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	348433	74.869	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2134564	71.717	ng		0.00
79) Terphenyl-d14	19.680	244	3013815	74.000	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	184186	35.726	ng		96
3) Pyridine	3.640	79	526978	34.778	ng		98
4) n-Nitrosodimethylamine	3.552	42	185228	32.387	ng	#	77
6) Aniline	7.034	93	645702	35.337	ng		96
8) 2-Chlorophenol	7.263	128	476631	37.200	ng		95
9) Benzaldehyde	6.846	77	345667	34.142	ng		93
10) Phenol	6.905	94	592983	35.155	ng		99
11) bis(2-Chloroethyl)ether	7.134	93	453366	35.398	ng		93
12) 1,3-Dichlorobenzene	7.581	146	494716	37.047	ng		96
13) 1,4-Dichlorobenzene	7.728	146	500378	36.921	ng		98
14) 1,2-Dichlorobenzene	8.040	146	481085	36.993	ng		96
15) Benzyl Alcohol	7.946	79	446919	35.428	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.234	45	509293	33.416	ng		95
17) 2-Methylphenol	8.146	107	391726	36.779	ng		98
18) Hexachloroethane	8.757	117	205404	38.291	ng		89
19) n-Nitroso-di-n-propyla...	8.510	70	404739	35.863	ng		95
20) 3+4-Methylphenols	8.475	107	542946	37.452	ng		97
22) Acetophenone	8.522	105	731859	35.338	ng	#	98
24) Nitrobenzene	8.899	77	619429	35.220	ng		92
25) Isophorone	9.422	82	1088621	35.823	ng		94
26) 2-Nitrophenol	9.598	139	249085	38.916	ng	#	91
27) 2,4-Dimethylphenol	9.669	122	382889	35.724	ng		94
28) bis(2-Chloroethoxy)met...	9.910	93	573339	35.262	ng		98
29) 2,4-Dichlorophenol	10.134	162	402970	37.136	ng		95
30) 1,2,4-Trichlorobenzene	10.340	180	419799	36.002	ng		97
31) Naphthalene	10.528	128	1491014	35.531	ng		99
32) Benzoic acid	9.834	122	309951	37.382	ng		91
33) 4-Chloroaniline	10.646	127	596863	35.148	ng	#	94
34) Hexachlorobutadiene	10.810	225	256302	37.720	ng		98
35) Caprolactam	11.463	113	141505	36.165	ng	#	70
36) 4-Chloro-3-methylphenol	11.787	107	506182	36.715	ng		89
37) 2-Methylnaphthalene	12.145	142	1014993	35.695	ng		98
38) 1-Methylnaphthalene	12.369	142	961661	35.587	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	425530	36.511	ng	#	95
41) Hexachlorocyclopentadiene	12.492	237	207549	33.576	ng		97
43) 2,4,6-Trichlorophenol	12.763	196	302420	38.002	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	329275	37.380	ng	#	88
46) 1,1'-Biphenyl	13.169	154	1204578	35.739	ng		97
47) 2-Chloronaphthalene	13.210	162	926717	35.704	ng		95
48) 2-Nitroaniline	13.428	65	328876	35.903	ng		87
49) Acenaphthylene	14.057	152	1497319	35.776	ng		100
50) Dimethylphthalate	13.810	163	1145118	35.327	ng		99
51) 2,6-Dinitrotoluene	13.928	165	261063	36.093	ng	#	74
52) Acenaphthene	14.404	154	900110	35.338	ng		98
53) 3-Nitroaniline	14.257	138	283808	35.394	ng	#	81
54) 2,4-Dinitrophenol	14.469	184	132290	34.975	ng	#	77
55) Dibenzofuran	14.739	168	1409700	35.185	ng		93
56) 4-Nitrophenol	14.575	139	241570	34.695	ng	#	86
57) 2,4-Dinitrotoluene	14.722	165	354714	36.568	ng	#	76
58) Fluorene	15.392	166	1124607	35.118	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	273216	37.010	ng	#	69
60) Diethylphthalate	15.181	149	1227032	36.041	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	513818	35.430	ng	#	87
62) 4-Nitroaniline	15.428	138	295064	34.678	ng		93
63) Azobenzene	15.686	77	1431649	36.068	ng		93
65) 4,6-Dinitro-2-methylph...	15.486	198	192766	36.878	ng		78
66) n-Nitrosodiphenylamine	15.610	169	957749	35.619	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	305682	37.241	ng	#	87
68) Hexachlorobenzene	16.392	284	339457	36.341	ng	#	82
69) Atrazine	16.580	200	309148	36.845	ng		96
70) Pentachlorophenol	16.745	266	225051	37.974	ng		99
71) Phenanthrene	17.139	178	1702267	35.278	ng		100
72) Anthracene	17.233	178	1693551	36.322	ng		99
73) Carbazole	17.510	167	1681044	35.346	ng		97
74) Di-n-butylphthalate	18.075	149	2087878	38.533	ng		99
75) Fluoranthene	19.122	202	1932359	35.679	ng		94
77) Benzidine	19.310	184	693575	33.964	ng		99
78) Pyrene	19.474	202	1989441	36.497	ng		99
80) Butylbenzylphthalate	20.369	149	964585	40.242	ng		91
81) Benzo(a)anthracene	21.192	228	1910812	35.827	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	504958	36.064	ng	#	98
83) Chrysene	21.245	228	1852209	35.823	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1436051	39.868	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2468740	41.582	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.904	276	2264291	36.866	ng	#	90
88) Benzo(b)fluoranthene	22.815	252	1985718	36.070	ng	#	97
89) Benzo(k)fluoranthene	22.863	252	1907735	36.093	ng	#	96
90) Benzo(a)pyrene	23.415	252	1816215	36.782	ng	#	95
91) Dibenzo(a,h)anthracene	25.927	278	1956954	36.851	ng	#	94
92) Benzo(g,h,i)perylene	26.639	276	1883556	37.013	ng	#	91

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

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