Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006854.D
Acq On : 24 Aug 2021 19:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 25 02:34:02 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 24 13:40:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	180858	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	735359	20.000	ng		# 0.00
39) Acenaphthene-d10	14.334	164	410806	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	790865	20.000	ng		# 0.00
76) Chrysene-d12	21.198	240	743494	20.000	ng		#-0.01
86) Perylene-d12	23.504	264	792977	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	979688	83.200	ng		0.00
7) Phenol-d6	6.881	99	1343550	80.324	ng		0.00
23) Nitrobenzene-d5	8.852	82	1306541	82.010	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	407847	94.994	ng		-0.01
45) 2-Fluorobiphenyl	12.957	172	2426078	88.356	ng		0.00
79) Terphenyl-d14	19.675	244	3378520	91.054	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	192637	37.577	ng		96
3) Pyridine	3.640	79	556855	36.958	ng		95
4) n-Nitrosodimethylamine	3.552	42	190845	33.559	ng	#	72
6) Aniline	7.028	93	717540	39.492	ng		97
8) 2-Chlorophenol	7.258	128	544007	42.699	ng		96
9) Benzaldehyde	6.846	77	375030	37.252	ng		98
10) Phenol	6.911	94	661600	39.446	ng		99
11) bis(2-Chloroethyl)ether	7.134	93	499536	39.224	ng		95
12) 1,3-Dichlorobenzene	7.575	146	568282	42.797	ng		98
13) 1,4-Dichlorobenzene	7.722	146	576382	42.770	ng		98
14) 1,2-Dichlorobenzene	8.034	146	551618	42.658	ng		97
15) Benzyl Alcohol	7.940	79	508588	40.545	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.216	45	503567	33.228	ng		97
17) 2-Methylphenol	8.146	107	443088	41.837	ng		99
18) Hexachloroethane	8.752	117	227676	42.684	ng		91
19) n-Nitroso-di-n-propyla...	8.505	70	433935	38.668	ng		93
20) 3+4-Methylphenols	8.475	107	607081	42.114	ng		97
22) Acetophenone	8.516	105	811270	41.601	ng	#	97
24) Nitrobenzene	8.893	77	666534	40.247	ng		94
25) Isophorone	9.422	82	1188514	41.535	ng		96
26) 2-Nitrophenol	9.599	139	298776	49.573	ng		96
27) 2,4-Dimethylphenol	9.669	122	433108	42.914	ng		96
28) bis(2-Chloroethoxy)met...	9.905	93	623356	40.714	ng		98
29) 2,4-Dichlorophenol	10.134	162	469058	45.905	ng		95
30) 1,2,4-Trichlorobenzene	10.340	180	486989	44.354	ng		96
31) Naphthalene	10.522	128	1678406	42.476	ng		100
32) Benzoic acid	9.846	122	362688	46.453	ng		94
33) 4-Chloroaniline	10.646	127	680403	42.551	ng		96
34) Hexachlorobutadiene	10.799	225	298805	46.701	ng		99
35) Caprolactam	11.469	113	162257	44.039	ng		82
36) 4-Chloro-3-methylphenol	11.787	107	569744	43.886	ng		91
37) 2-Methylnaphthalene	12.140	142	1145375	42.777	ng		100
38) 1-Methylnaphthalene	12.363	142	1083433	42.579	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	490489	45.618	ng	#	96
41) Hexachlorocyclopentadiene	12.481	237	232948	40.850	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	352731	48.046	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	376914	46.381	ng	#	89
46) 1,1'-Biphenyl	13.163	154	1357423	43.655	ng		97
47) 2-Chloronaphthalene	13.204	162	1047476	43.745	ng		94
48) 2-Nitroaniline	13.422	65	367068	43.438	ng		90
49) Acenaphthylene	14.051	152	1687329	43.701	ng		100
50) Dimethylphthalate	13.810	163	1297301	43.383	ng		100
51) 2,6-Dinitrotoluene	13.928	165	297737	44.620	ng	#	80
52) Acenaphthene	14.398	154	1007399	42.871	ng		97
53) 3-Nitroaniline	14.257	138	323705	43.759	ng		85
54) 2,4-Dinitrophenol	14.469	184	164984	47.281	ng	#	82
55) Dibenzofuran	14.734	168	1570597	42.493	ng		93
56) 4-Nitrophenol	14.581	139	278078	43.293	ng		90
57) 2,4-Dinitrotoluene	14.722	165	405533	45.317	ng	#	79
58) Fluorene	15.387	166	1259680	42.639	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	310359	45.572	ng	#	71
60) Diethylphthalate	15.175	149	1370546	43.637	ng		97
61) 4-Chlorophenyl-phenyle...	15.387	204	590011	44.100	ng		91
62) 4-Nitroaniline	15.428	138	316514	40.322	ng		94
63) Azobenzene	15.681	77	1507487	41.167	ng		93
65) 4,6-Dinitro-2-methylph...	15.487	198	229816	47.558	ng		78
66) n-Nitrosodiphenylamine	15.610	169	1078798	43.398	ng		99
67) 4-Bromophenyl-phenylether	16.287	248	349525	46.061	ng	#	89
68) Hexachlorobenzene	16.392	284	389896	45.151	ng	#	88
69) Atrazine	16.575	200	332077	42.810	ng		96
70) Pentachlorophenol	16.745	266	251872	45.971	ng		100
71) Phenanthrene	17.134	178	1886773	42.295	ng		99
72) Anthracene	17.228	178	1891766	43.887	ng		99
73) Carbazole	17.504	167	1854331	42.175	ng		98
74) Di-n-butylphthalate	18.069	149	2319079	46.296	ng		99
75) Fluoranthene	19.116	202	2144505	42.830	ng		95
77) Benzidine	19.304	184	821063	44.132	ng		99
78) Pyrene	19.469	202	2207873	44.458	ng		99
80) Butylbenzylphthalate	20.357	149	1093800	50.088	ng		90
81) Benzo(a)anthracene	21.180	228	2134141	43.921	ng		99
82) 3,3'-Dichlorobenzidine	21.122	252	610665	47.872	ng	#	98
83) Chrysene	21.233	228	2047868	43.474	ng		98
84) Bis(2-ethylhexyl)phtha...	21.122	149	1586758	48.352	ng	#	98
85) Di-n-octyl phthalate	22.016	149	2777016	51.341	ng		98
87) Indeno(1,2,3-cd)pyrene	25.892	276	2519748	43.822	ng	#	92
88) Benzo(b)fluoranthene	22.804	252	2171261	42.130	ng	#	97
89) Benzo(k)fluoranthene	22.851	252	2123848	42.922	ng	#	96
90) Benzo(a)pyrene	23.404	252	2021100	43.722	ng	#	95
91) Dibenzo(a,h)anthracene	25.910	278	2172982	43.709	ng	#	94
92) Benzo(g,h,i)perylene	26.621	276	2085859	43.784	ng	#	92

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

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