Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082321\
Data File : BP006841.D
Acq On : 23 Aug 2021 21:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 24 04:09:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 11:39:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	157100	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	607861	20.000	ng	#	0.00
39) Acenaphthene-d10	14.340	164	336003	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	678809	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	679979	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	734182	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	805833	78.785	ng		0.00
7) Phenol-d6	6.887	99	1077033	74.128	ng		0.00
23) Nitrobenzene-d5	8.858	82	1016227	77.166	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	325392	92.662	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1857450	82.707	ng		0.00
79) Terphenyl-d14	19.686	244	2817685	83.033	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	158278	35.544	ng		97
3) Pyridine	3.640	79	446799	34.138	ng		96
4) n-Nitrosodimethylamine	3.552	42	153745	31.123	ng	#	71
6) Aniline	7.034	93	572335	36.264	ng		97
8) 2-Chlorophenol	7.264	128	441550	39.898	ng		95
9) Benzaldehyde	6.852	77	306915	35.096	ng		97
10) Phenol	6.917	94	529878	36.370	ng		98
11) bis(2-Chloroethyl)ether	7.140	93	396069	35.803	ng		98
12) 1,3-Dichlorobenzene	7.581	146	464789	40.297	ng		98
13) 1,4-Dichlorobenzene	7.728	146	472833	40.393	ng		99
14) 1,2-Dichlorobenzene	8.040	146	452064	40.246	ng		97
15) Benzyl Alcohol	7.952	79	390905	35.876	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.234	45	392024	29.780	ng		99
17) 2-Methylphenol	8.152	107	350812	38.134	ng		98
18) Hexachloroethane	8.758	117	154643	33.376	ng		91
19) n-Nitroso-di-n-propyla...	8.511	70	330568	33.912	ng		94
20) 3+4-Methylphenols	8.481	107	473728	37.833	ng		96
22) Acetophenone	8.522	105	626117	38.841	ng	#	98
24) Nitrobenzene	8.899	77	518588	37.882	ng		94
25) Isophorone	9.428	82	894941	37.835	ng		96
26) 2-Nitrophenol	9.605	139	211634	42.480	ng		95
27) 2,4-Dimethylphenol	9.675	122	337055	40.401	ng		96
28) bis(2-Chloroethoxy)met...	9.911	93	471710	37.272	ng		99
29) 2,4-Dichlorophenol	10.140	162	369396	43.734	ng		95
30) 1,2,4-Trichlorobenzene	10.346	180	386307	42.563	ng		98
31) Naphthalene	10.534	128	1324066	40.537	ng		99
32) Benzoic acid	9.846	122	308275	47.766	ng		93
33) 4-Chloroaniline	10.652	127	528365	39.974	ng		96
34) Hexachlorobutadiene	10.810	225	235767	44.578	ng		98
35) Caprolactam	11.475	113	125201	41.109	ng		82
36) 4-Chloro-3-methylphenol	11.799	107	436528	40.678	ng		93
37) 2-Methylnaphthalene	12.152	142	893189	40.355	ng		99
38) 1-Methylnaphthalene	12.369	142	842485	40.054	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	386973	44.003	ng		98
41) Hexachlorocyclopentadiene	12.493	237	42132	9.033	ng		100
43) 2,4,6-Trichlorophenol	12.775	196	275006	45.798	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.852	196	301427	45.349	ng	#	91
46) 1,1'-Biphenyl	13.175	154	1042499	40.991	ng		98
47) 2-Chloronaphthalene	13.210	162	820016	41.870	ng		95
48) 2-Nitroaniline	13.428	65	288752	41.777	ng		88
49) Acenaphthylene	14.063	152	1322031	41.863	ng		100
50) Dimethylphthalate	13.816	163	975342	39.878	ng		99
51) 2,6-Dinitrotoluene	13.934	165	222467	40.762	ng	#	83
52) Acenaphthene	14.404	154	784936	40.841	ng		98
53) 3-Nitroaniline	14.263	138	262980	43.465	ng		85
54) 2,4-Dinitrophenol	14.481	184	59416	20.818	ng	#	82
55) Dibenzofuran	14.746	168	1226137	40.559	ng		94
56) 4-Nitrophenol	14.593	139	223649	42.570	ng		90
57) 2,4-Dinitrotoluene	14.728	165	303775	41.504	ng	#	80
58) Fluorene	15.398	166	989074	40.933	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	251325	45.120	ng	#	72
60) Diethylphthalate	15.181	149	1031092	40.137	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	446187	40.775	ng		91
62) 4-Nitroaniline	15.434	138	280112	43.629	ng		93
63) Azobenzene	15.693	77	1143500	38.179	ng		93
65) 4,6-Dinitro-2-methylph...	15.493	198	95124	22.934	ng		76
66) n-Nitrosodiphenylamine	15.616	169	847044	39.700	ng		99
67) 4-Bromophenyl-phenylether	16.293	248	270320	41.504	ng	#	88
68) Hexachlorobenzene	16.398	284	307759	41.523	ng	#	86
69) Atrazine	16.581	200	274937	41.295	ng		96
70) Pentachlorophenol	16.751	266	213718	45.447	ng		97
71) Phenanthrene	17.145	178	1534636	40.081	ng		99
72) Anthracene	17.234	178	1537271	41.550	ng		100
73) Carbazole	17.516	167	1545984	40.966	ng		98
74) Di-n-butylphthalate	18.081	149	1835213	42.684	ng		100
75) Fluoranthene	19.128	202	1838330	42.776	ng		95
77) Benzidine	19.322	184	781300	45.917	ng		100
78) Pyrene	19.481	202	1891376	41.643	ng		98
80) Butylbenzylphthalate	20.369	149	928807	46.505	ng		92
81) Benzo(a)anthracene	21.198	228	1825671	41.083	ng		99
82) 3,3'-Dichlorobenzidine	21.139	252	533373	45.719	ng	#	97
83) Chrysene	21.251	228	1782559	41.376	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1335969	44.513	ng	#	97
85) Di-n-octyl phthalate	22.033	149	2385615	48.225	ng		98
87) Indeno(1,2,3-cd)pyrene	25.933	276	2195917	41.249	ng	#	92
88) Benzo(b)fluoranthene	22.827	252	1902948	39.881	ng	#	97
89) Benzo(k)fluoranthene	22.875	252	1809162	39.490	ng	#	97
90) Benzo(a)pyrene	23.427	252	1760714	41.140	ng	#	96
91) Dibenzo(a,h)anthracene	25.951	278	1895222	41.175	ng	#	95
92) Benzo(g,h,i)perylene	26.663	276	1832298	41.541	ng	#	92

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

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