Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072221\
Data File : BP006276.D
Acq On : 22 Jul 2021 12:11
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Jul 22 12:52:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 12:49:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	343293	20.00	ng		0.00
21) Naphthalene-d8	10.587	136	1402615	20.00	ng		# 0.00
39) Acenaphthene-d10	14.422	164	804565	20.00	ng		0.00
64) Phenanthrene-d10	17.175	188	1558484	20.00	ng		# 0.00
76) Chrysene-d12	21.275	240	1452198	20.00	ng		# 0.00
86) Perylene-d12	23.627	264	1496235	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1744286	84.65	ng		0.00
7) Phenol-d6	6.975	99	2444190	86.76	ng		0.00
23) Nitrobenzene-d5	8.958	82	2146067	92.13	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	592341	71.52	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	4209120	79.63	ng		0.00
79) Terphenyl-d14	19.751	244	5772681	79.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	367791	42.69	ng		92
3) Pyridine	3.740	79	1071844	44.69	ng		96
4) n-Nitrosodimethylamine	3.652	42	367141	45.14	ng	#	75
6) Aniline	7.134	93	1321722	42.38	ng		96
8) 2-Chlorophenol	7.364	128	948696	41.70	ng		93
9) Benzaldehyde	6.952	77	698324	43.05	ng		95
10) Phenol	7.005	94	1213771	43.43	ng		95
11) bis(2-Chloroethyl)ether	7.240	93	924090	42.69	ng		94
12) 1,3-Dichlorobenzene	7.687	146	997299	40.01	ng		99
13) 1,4-Dichlorobenzene	7.834	146	1013880	40.12	ng		98
14) 1,2-Dichlorobenzene	8.146	146	975579	40.31	ng		97
15) Benzyl Alcohol	8.046	79	886424	43.71	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	994551	45.60	ng		93
17) 2-Methylphenol	8.240	107	787334	42.47	ng		98
18) Hexachloroethane	8.869	117	375972	41.85	ng		91
19) n-Nitroso-di-n-propyla...	8.616	70	760535	44.07	ng		94
20) 3+4-Methylphenols	8.575	107	1065939	42.69	ng		98
22) Acetophenone	8.622	105	1389418	41.04	ng	#	98
24) Nitrobenzene	8.999	77	1114073	44.99	ng		94
25) Isophorone	9.528	82	1983452	41.74	ng		97
26) 2-Nitrophenol	9.705	139	442401	47.56	ng		96
27) 2,4-Dimethylphenol	9.769	122	769972	40.95	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	1105764	41.22	ng		99
29) 2,4-Dichlorophenol	10.234	162	798281	41.13	ng		95
30) 1,2,4-Trichlorobenzene	10.446	180	848785	38.68	ng		97
31) Naphthalene	10.634	128	2927974	39.77	ng		99
32) Benzoic acid	9.910	122	541811	46.44	ng		98
33) 4-Chloroaniline	10.752	127	1191427	39.76	ng		98
34) Hexachlorobutadiene	10.922	225	498430	38.31	ng		99
35) Caprolactam	11.552	113	256372	43.89	ng	#	81
36) 4-Chloro-3-methylphenol	11.875	107	941534	41.68	ng		95
37) 2-Methylnaphthalene	12.246	142	2020939	39.31	ng		98
38) 1-Methylnaphthalene	12.463	142	1901488	39.10	ng		98
40) 1,2,4,5-Tetrachloroben...	12.610	216	859863	39.46	ng	#	97
41) Hexachlorocyclopentadiene	12.593	237	488328	40.93	ng		98
43) 2,4,6-Trichlorophenol	12.857	196	583218	42.67	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	637995	43.44	ng	#	92
46) 1,1'-Biphenyl	13.263	154	2377145	40.09	ng		96
47) 2-Chloronaphthalene	13.298	162	1828412	40.05	ng		96
48) 2-Nitroaniline	13.510	65	563979	52.56	ng		94
49) Acenaphthylene	14.145	152	2939150	40.44	ng		100
50) Dimethylphthalate	13.898	163	2224623	39.41	ng		100
51) 2,6-Dinitrotoluene	14.010	165	506424	45.70	ng		93
52) Acenaphthene	14.493	154	1786313	39.76	ng		98
53) 3-Nitroaniline	14.340	138	544309	46.37	ng		90
54) 2,4-Dinitrophenol	14.540	184	246342	52.41	ng		93
55) Dibenzofuran	14.828	168	2776609	39.14	ng		98
56) 4-Nitrophenol	14.640	139	467416	44.87	ng		87
57) 2,4-Dinitrotoluene	14.793	165	671536	46.98	ng		92
58) Fluorene	15.475	166	2220204	39.07	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	525297	41.31	ng	#	79
60) Diethylphthalate	15.269	149	2281434	39.15	ng		99
61) 4-Chlorophenyl-phenyle...	15.475	204	1029570	38.30	ng		94
62) 4-Nitroaniline	15.504	138	566973	46.24	ng		85
63) Azobenzene	15.769	77	2513914	42.85	ng		93
65) 4,6-Dinitro-2-methylph...	15.557	198	346464	47.78	ng		87
66) n-Nitrosodiphenylamine	15.692	169	1929627	40.35	ng		99
67) 4-Bromophenyl-phenylether	16.375	248	549101	34.97	ng		93
68) Hexachlorobenzene	16.475	284	683254	37.95	ng	#	91
69) Atrazine	16.657	200	614061	39.32	ng		98
70) Pentachlorophenol	16.822	266	431513	42.80	ng		99
71) Phenanthrene	17.222	178	3353126	39.28	ng		99
72) Anthracene	17.310	178	3306842	39.71	ng		99
73) Carbazole	17.586	167	3298731	39.52	ng		99
74) Di-n-butylphthalate	18.157	149	3825761	40.16	ng		99
75) Fluoranthene	19.192	202	3772158	38.51	ng		94
77) Benzidine	19.381	184	1721072	40.72	ng		99
78) Pyrene	19.545	202	3853877	40.19	ng		99
80) Butylbenzylphthalate	20.439	149	1703284	41.93	ng		92
81) Benzo(a)anthracene	21.257	228	3709867	39.81	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	1026390	39.78	ng	#	97
83) Chrysene	21.310	228	3563729	39.50	ng		98
84) Bis(2-ethylhexyl)phtha...	21.210	149	2554560	41.72	ng	#	97
85) Di-n-octyl phthalate	22.122	149	4212725	41.01	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.068	276	4266891	40.25	ng	#	89
88) Benzo(b)fluoranthene	22.910	252	3751478	38.86	ng	#	96
89) Benzo(k)fluoranthene	22.963	252	3683725	40.98	ng	#	96
90) Benzo(a)pyrene	23.521	252	3449800	39.83	ng	#	95
91) Dibenzo(a,h)anthracene	26.092	278	3691467	40.26	ng	#	94
92) Benzo(g,h,i)perylene	26.815	276	3538089	39.64	ng	#	89

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

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