Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
Data File : BP005233.D
Acq On : 08 Apr 2021 12:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Apr 08 14:15:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	23094	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	85778	20.00	ng		# 0.00
39) Acenaphthene-d10	14.351	164	59574	20.00	ng		0.00
64) Phenanthrene-d10	17.110	188	127420	20.00	ng		# 0.00
76) Chrysene-d12	21.215	240	148870	20.00	ng		0.00
86) Perylene-d12	23.492	264	159271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	125957	83.93	ng		0.00
7) Phenol-d6	6.875	99	175385	81.59	ng		0.00
23) Nitrobenzene-d5	8.851	82	158403	79.23	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	73022	94.08	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	335801	76.25	ng		0.00
79) Terphenyl-d14	19.692	244	619027	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	34858	53.34	ng	#	94
3) Pyridine	3.622	79	81023	49.87	ng		94
4) n-Nitrosodimethylamine	3.534	42	25087	43.18	ng	#	93
6) Aniline	7.022	93	99617	40.90	ng	#	89
8) 2-Chlorophenol	7.257	128	63617	40.19	ng		83
9) Benzaldehyde	6.840	77	39635	36.21	ng	#	80
10) Phenol	6.899	94	86416	39.23	ng		85
11) bis(2-Chloroethyl)ether	7.122	93	65175	40.41	ng		96
12) 1,3-Dichlorobenzene	7.575	146	68057	38.70	ng	#	92
13) 1,4-Dichlorobenzene	7.722	146	69436	38.89	ng		94
14) 1,2-Dichlorobenzene	8.040	146	66394	38.77	ng		96
15) Benzyl Alcohol	7.940	79	62124	37.46	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.222	45	48068	40.63	ng		92
17) 2-Methylphenol	8.140	107	56136	39.93	ng	#	92
18) Hexachloroethane	8.757	117	26169	38.46	ng		96
19) n-Nitroso-di-n-propyla...	8.498	70	54795	39.30	ng	#	92
20) 3+4-Methylphenols	8.469	107	77831	40.54	ng		92
22) Acetophenone	8.516	105	98476	39.93	ng		97
24) Nitrobenzene	8.893	77	80591	38.25	ng	#	79
25) Isophorone	9.416	82	149411	40.49	ng	#	89
26) 2-Nitrophenol	9.598	139	35725	43.72	ng	#	73
27) 2,4-Dimethylphenol	9.669	122	53286	40.55	ng		89
28) bis(2-Chloroethoxy)met...	9.898	93	75635	40.50	ng		98
29) 2,4-Dichlorophenol	10.134	162	60380	41.07	ng		94
30) 1,2,4-Trichlorobenzene	10.345	180	66628	40.35	ng		96
31) Naphthalene	10.528	128	193186	39.87	ng		100
32) Benzoic acid	9.840	122	41177	42.21	ng	#	78
33) 4-Chloroaniline	10.651	127	79623	40.61	ng	#	87
34) Hexachlorobutadiene	10.810	225	45541	42.85	ng		97
35) Caprolactam	11.451	113	21768	45.12	ng		90
36) 4-Chloro-3-methylphenol	11.787	107	71725	40.38	ng	#	83
37) 2-Methylnaphthalene	12.151	142	140294	40.10	ng	#	96
38) 1-Methylnaphthalene	12.375	142	132963	40.54	ng		97
40) 1,2,4,5-Tetrachloroben...	12.522	216	76625	39.50	ng		98
41) Hexachlorocyclopentadiene	12.498	237	36747	34.82	ng		94
43) 2,4,6-Trichlorophenol	12.775	196	53370	39.80	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	57365	39.50	ng	#	94
46) 1,1'-Biphenyl	13.175	154	171788	37.81	ng		97
47) 2-Chloronaphthalene	13.216	162	142258	38.46	ng		99
48) 2-Nitroaniline	13.433	65	46594	39.54	ng	#	59
49) Acenaphthylene	14.069	152	219867	38.22	ng		99
50) Dimethylphthalate	13.816	163	172906	37.68	ng	#	99
51) 2,6-Dinitrotoluene	13.933	165	41295	38.19	ng	#	67
52) Acenaphthene	14.416	154	135747	38.35	ng		98
53) 3-Nitroaniline	14.269	138	41022	41.21	ng	#	71
54) 2,4-Dinitrophenol	14.480	184	26122	39.89	ng	#	83
55) Dibenzofuran	14.751	168	225334	38.84	ng		98
56) 4-Nitrophenol	14.592	139	35173	43.08	ng	#	53
57) 2,4-Dinitrotoluene	14.733	165	59046	41.34	ng	#	64
58) Fluorene	15.404	166	181215	38.69	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	55362	41.33	ng		92
60) Diethylphthalate	15.186	149	170048	37.89	ng		97
61) 4-Chlorophenyl-phenyle...	15.404	204	97518	39.22	ng		93
62) 4-Nitroaniline	15.439	138	43989	43.02	ng		79
63) Azobenzene	15.698	77	187245	36.50	ng		90
65) 4,6-Dinitro-2-methylph...	15.498	198	41390	44.51	ng		94
66) n-Nitrosodiphenylamine	15.622	169	159155	38.86	ng		98
67) 4-Bromophenyl-phenylether	16.304	248	62867	42.58	ng		93
68) Hexachlorobenzene	16.416	284	71134	42.85	ng		97
69) Atrazine	16.586	200	56195	41.31	ng		92
70) Pentachlorophenol	16.769	266	46386	42.32	ng		97
71) Phenanthrene	17.157	178	288669	39.08	ng		99
72) Anthracene	17.245	178	286891	39.75	ng		99
73) Carbazole	17.527	167	272632	40.21	ng		98
74) Di-n-butylphthalate	18.080	149	302439	40.53	ng	#	98
75) Fluoranthene	19.139	202	359701	41.39	ng		98
77) Benzidine	19.321	184	123618	37.85	ng		98
78) Pyrene	19.492	202	371475	36.31	ng		99
80) Butylbenzylphthalate	20.368	149	142705	37.59	ng	#	76
81) Benzo(a)anthracene	21.198	228	394669	39.02	ng		97
82) 3,3'-Dichlorobenzidine	21.133	252	142332	41.87	ng		98
83) Chrysene	21.251	228	386712	38.96	ng		98
84) Bis(2-ethylhexyl)phtha...	21.121	149	209746	37.69	ng	#	97
85) Di-n-octyl phthalate	22.004	149	371713	39.61	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.833	276	491752	41.18	ng		97
88) Benzo(b)fluoranthene	22.804	252	418333	36.99	ng		98
89) Benzo(k)fluoranthene	22.851	252	411831	38.00	ng		98
90) Benzo(a)pyrene	23.392	252	392685	38.72	ng		97
91) Dibenzo(a,h)anthracene	25.845	278	427788	41.43	ng		96
92) Benzo(g,h,i)perylene	26.550	276	410420	41.19	ng		96

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

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