Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005249.D
Acq On : 09 Apr 2021 13:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Apr 09 16:44:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 16:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	25763	20.00	ng	#	0.00
21) Naphthalene-d8	10.469	136	92592	20.00	ng	#	0.00
39) Acenaphthene-d10	14.345	164	59326	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	126990	20.00	ng	#	0.00
76) Chrysene-d12	21.204	240	138775	20.00	ng		0.00
86) Perylene-d12	23.480	264	143620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	198066	118.31	ng		0.00
7) Phenol-d6	6.869	99	239536	99.89	ng		0.00
23) Nitrobenzene-d5	8.846	82	227853	105.59	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	62029	80.25	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	349849	79.77	ng		0.00
79) Terphenyl-d14	19.680	244	593513	77.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	57467	78.82	ng		98
3) Pyridine	3.622	79	143500	79.17	ng		94
4) n-Nitrosodimethylamine	3.528	42	43341	66.87	ng	#	83
6) Aniline	7.016	93	136858	50.36	ng	#	81
8) 2-Chlorophenol	7.252	128	78330	44.36	ng	#	74
9) Benzaldehyde	6.834	77	60660	49.67	ng	#	68
10) Phenol	6.893	94	124948	50.84	ng		77
11) bis(2-Chloroethyl)ether	7.116	93	90619	50.37	ng		88
12) 1,3-Dichlorobenzene	7.569	146	81953	41.78	ng	#	84
13) 1,4-Dichlorobenzene	7.716	146	81769	41.06	ng	#	89
14) 1,2-Dichlorobenzene	8.028	146	78883	41.29	ng	#	88
15) Benzyl Alcohol	7.928	79	91521	49.47	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.216	45	52999	40.16	ng		79
17) 2-Methylphenol	8.134	107	70812	45.15	ng	#	83
18) Hexachloroethane	8.752	117	34418	45.35	ng		91
19) n-Nitroso-di-n-propyla...	8.493	70	81237	52.22	ng	#	85
20) 3+4-Methylphenols	8.463	107	94972	44.35	ng		88
22) Acetophenone	8.510	105	126615	47.57	ng	#	90
24) Nitrobenzene	8.887	77	121171	53.28	ng	#	67
25) Isophorone	9.410	82	207722	52.15	ng	#	83
26) 2-Nitrophenol	9.593	139	37219	42.20	ng	#	40
27) 2,4-Dimethylphenol	9.657	122	59012	41.61	ng	#	82
28) bis(2-Chloroethoxy)met...	9.893	93	95928	47.59	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	65277	41.13	ng		89
30) 1,2,4-Trichlorobenzene	10.334	180	71039	39.85	ng		95
31) Naphthalene	10.522	128	211882	40.51	ng		99
32) Benzoic acid	9.834	122	40619	38.57	ng	#	46
33) 4-Chloroaniline	10.640	127	82742	39.10	ng	#	77
34) Hexachlorobutadiene	10.799	225	49289	42.97	ng		96
35) Caprolactam	11.446	113	22263	42.75	ng	#	71
36) 4-Chloro-3-methylphenol	11.781	107	84120	43.88	ng	#	76
37) 2-Methylnaphthalene	12.146	142	146783	38.86	ng	#	91
38) 1-Methylnaphthalene	12.369	142	138748	39.19	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	78273	40.52	ng	#	97
41) Hexachlorocyclopentadiene	12.493	237	39976	38.04	ng		97
43) 2,4,6-Trichlorophenol	12.769	196	54081	40.50	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	57938	40.06	ng	#	87
46) 1,1'-Biphenyl	13.169	154	175906	38.87	ng		95
47) 2-Chloronaphthalene	13.210	162	147851	40.14	ng		94
48) 2-Nitroaniline	13.428	65	60796	51.80	ng	#	46
49) Acenaphthylene	14.063	152	227189	39.66	ng		100
50) Dimethylphthalate	13.810	163	184022	40.27	ng		98
51) 2,6-Dinitrotoluene	13.928	165	42048	39.04	ng	#	16
52) Acenaphthene	14.410	154	139828	39.67	ng		98
53) 3-Nitroaniline	14.263	138	39346	39.70	ng	#	33
54) 2,4-Dinitrophenol	14.475	184	24608	37.73	ng	#	53
55) Dibenzofuran	14.745	168	229542	39.73	ng		94
56) 4-Nitrophenol	14.587	139	32565	40.05	ng	#	5
57) 2,4-Dinitrotoluene	14.728	165	59237	41.65	ng	#	24
58) Fluorene	15.398	166	186874	40.06	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.981	232	51882	38.89	ng	#	95
60) Diethylphthalate	15.181	149	186176	41.65	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	99627	40.24	ng		97
62) 4-Nitroaniline	15.434	138	41458	40.71	ng	#	32
63) Azobenzene	15.692	77	275773	53.98	ng		80
65) 4,6-Dinitro-2-methylph...	15.498	198	38248	41.27	ng		79
66) n-Nitrosodiphenylamine	15.616	169	161820	39.64	ng		97
67) 4-Bromophenyl-phenylether	16.292	248	61465	41.78	ng	#	90
68) Hexachlorobenzene	16.410	284	65181	39.39	ng	#	88
69) Atrazine	16.581	200	54037	39.86	ng		99
70) Pentachlorophenol	16.757	266	38974	35.67	ng		96
71) Phenanthrene	17.151	178	290278	39.43	ng		100
72) Anthracene	17.239	178	288667	40.13	ng		99
73) Carbazole	17.516	167	272662	40.35	ng		98
74) Di-n-butylphthalate	18.075	149	317921	42.75	ng	#	96
75) Fluoranthene	19.128	202	353283	40.79	ng		97
77) Benzidine	19.316	184	106124	34.85	ng		99
78) Pyrene	19.480	202	362326	38.00	ng		100
80) Butylbenzylphthalate	20.357	149	146897	41.51	ng	#	57
81) Benzo(a)anthracene	21.192	228	373917	39.66	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	124035	39.15	ng		100
83) Chrysene	21.245	228	368350	39.80	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	225772	43.52	ng		99
85) Di-n-octyl phthalate	21.998	149	395732	45.24	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.815	276	448412	41.64	ng		96
88) Benzo(b)fluoranthene	22.792	252	394779	38.71	ng		98
89) Benzo(k)fluoranthene	22.839	252	365050	37.35	ng	#	97
90) Benzo(a)pyrene	23.380	252	362851	39.68	ng		99
91) Dibenzo(a,h)anthracene	25.827	278	392345	42.13	ng	#	94
92) Benzo(g,h,i)perylene	26.527	276	374741	41.70	ng	#	95

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

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