Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123935.D
Acq On : 15 May 2021 8:54
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 16 05:17:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	39739	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	140336	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	79664	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	136135	20.00	ng		0.00
76) Chrysene-d12	14.068	240	92784	20.00	ng		0.00
86) Perylene-d12	15.557	264	73897	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	228174	80.62	ng		0.00
7) Phenol-d6	6.522	99	290709	79.18	ng		0.00
23) Nitrobenzene-d5	7.463	82	273143	83.86	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	77967	81.48	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	489521	75.62	ng		0.00
79) Terphenyl-d14	13.016	244	491060	80.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	49717	40.00	ng		96
3) Pyridine	3.446	79	134989	42.08	ng		95
4) n-Nitrosodimethylamine	3.404	42	83672	40.15	ng		83
6) Aniline	6.563	93	163722	39.28	ng		94
8) 2-Chlorophenol	6.687	128	119137	40.45	ng		99
9) Benzaldehyde	6.451	77	66094	41.60	ng		97
10) Phenol	6.534	94	147235	39.68	ng		96
11) bis(2-Chloroethyl)ether	6.640	93	110417	38.28	ng		95
12) 1,3-Dichlorobenzene	6.845	146	136603	39.81	ng		95
13) 1,4-Dichlorobenzene	6.922	146	139278	39.67	ng		98
14) 1,2-Dichlorobenzene	7.075	146	129137	39.36	ng		97
15) Benzyl Alcohol	7.039	79	129407	40.81	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.181	45	230494	39.70	ng		98
17) 2-Methylphenol	7.145	107	94604	39.61	ng		97
18) Hexachloroethane	7.422	117	51789	39.80	ng	#	87
19) n-Nitroso-di-n-propyla...	7.316	70	100642	40.56	ng		97
20) 3+4-Methylphenols	7.298	107	127731	40.60	ng	#	75
22) Acetophenone	7.310	105	160109	40.18	ng		99
24) Nitrobenzene	7.487	77	136859	41.09	ng		98
25) Isophorone	7.722	82	249612	39.84	ng		99
26) 2-Nitrophenol	7.798	139	55858	44.59	ng		98
27) 2,4-Dimethylphenol	7.834	122	95566	39.84	ng		91
28) bis(2-Chloroethoxy)met...	7.934	93	127520	40.47	ng		96
29) 2,4-Dichlorophenol	8.039	162	99614	41.03	ng		90
30) 1,2,4-Trichlorobenzene	8.128	180	112424	41.18	ng		95
31) Naphthalene	8.210	128	334824	40.31	ng		99
32) Benzoic acid	7.928	122	62997	47.85	ng		94
33) 4-Chloroaniline	8.251	127	127533	40.34	ng		98
34) Hexachlorobutadiene	8.328	225	72842	40.76	ng		97
35) Caprolactam	8.616	113	28254	42.74	ng		96
36) 4-Chloro-3-methylphenol	8.728	107	108321	40.79	ng	#	85
37) 2-Methylnaphthalene	8.898	142	227808	40.47	ng		96
38) 1-Methylnaphthalene	8.998	142	213748	40.69	ng		95
40) 1,2,4,5-Tetrachloroben...	9.063	216	108667	37.82	ng		95
41) Hexachlorocyclopentadiene	9.057	237	73947	40.46	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	69085	37.06	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	75726	39.10	ng	#	88
46) 1,1'-Biphenyl	9.363	154	266362	37.96	ng		98
47) 2-Chloronaphthalene	9.392	162	208119	37.34	ng		95
48) 2-Nitroaniline	9.475	65	77223	41.03	ng		88
49) Acenaphthylene	9.804	152	317653	38.58	ng		97
50) Dimethylphthalate	9.663	163	244625	38.46	ng		99
51) 2,6-Dinitrotoluene	9.722	165	50971	39.62	ng		89
52) Acenaphthene	9.980	154	215922	38.31	ng		96
53) 3-Nitroaniline	9.886	138	52010	40.68	ng		96
54) 2,4-Dinitrophenol	9.992	184	24806	39.89	ng	#	85
55) Dibenzofuran	10.151	168	312636	38.62	ng		98
56) 4-Nitrophenol	10.033	139	43333	40.98	ng	#	86
57) 2,4-Dinitrotoluene	10.122	165	66700	42.27	ng		97
58) Fluorene	10.492	166	233328	38.25	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.263	232	65196	40.94	ng		90
60) Diethylphthalate	10.363	149	236329	37.51	ng		95
61) 4-Chlorophenyl-phenyle...	10.486	204	118172	38.65	ng		95
62) 4-Nitroaniline	10.504	138	50131	39.42	ng		94
63) Azobenzene	10.645	77	269655	38.49	ng		94
65) 4,6-Dinitro-2-methylph...	10.528	198	33142	38.95	ng		97
66) n-Nitrosodiphenylamine	10.598	169	202904	39.01	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	70462	39.38	ng		98
68) Hexachlorobenzene	11.039	284	76510	38.31	ng		95
69) Atrazine	11.122	200	60170	40.96	ng		98
70) Pentachlorophenol	11.227	266	48236	40.74	ng		96
71) Phenanthrene	11.451	178	335723	38.91	ng		97
72) Anthracene	11.504	178	337275	38.58	ng		98
73) Carbazole	11.657	167	290125	37.93	ng		98
74) Di-n-butylphthalate	11.992	149	360610	37.67	ng		99
75) Fluoranthene	12.639	202	330743	37.02	ng		99
77) Benzidine	12.757	184	96158	42.95	ng	#	94
78) Pyrene	12.874	202	331571	40.25	ng		96
80) Butylbenzylphthalate	13.492	149	135198	41.85	ng		94
81) Benzo(a)anthracene	14.057	228	254657	37.95	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	79295	38.04	ng		98
83) Chrysene	14.098	228	249721	38.69	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	176402	38.70	ng		99
85) Di-n-octyl phthalate	14.668	149	268625	38.99	ng		100
87) Indeno(1,2,3-cd)pyrene	17.056	276	229181	40.16	ng	#	93
88) Benzo(b)fluoranthene	15.121	252	220974	38.66	ng	#	96
89) Benzo(k)fluoranthene	15.151	252	217601	41.77	ng		100
90) Benzo(a)pyrene	15.492	252	198019	40.07	ng		95
91) Dibenzo(a,h)anthracene	17.074	278	200277	41.67	ng	#	94
92) Benzo(g,h,i)perylene	17.515	276	196245	40.72	ng		98

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

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