Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123379.D
Acq On : 18 Mar 2021 11:17
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 18 12:34:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 02:38:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	215937	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	857728	20.00	ng		# 0.00
39) Acenaphthene-d10	9.833	164	410623	20.00	ng		0.00
64) Phenanthrene-d10	11.321	188	672285	20.00	ng		# 0.00
76) Chrysene-d12	13.968	240	434430	20.00	ng		# 0.00
86) Perylene-d12	15.409	264	354612	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1135292	74.66	ng		0.00
7) Phenol-d6	6.439	99	1372513	69.49	ng		0.00
23) Nitrobenzene-d5	7.363	82	1124656	77.01	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	220497	76.83	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1667145	84.54	ng		0.00
79) Terphenyl-d14	12.910	244	1464787	65.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	286251	40.48	ng	#	85
3) Pyridine	3.216	79	748964	40.24	ng	#	86
4) n-Nitrosodimethylamine	3.169	42	327744	39.66	ng		97
6) Aniline	6.457	93	825682	35.48	ng	#	62
8) 2-Chlorophenol	6.587	128	601487	36.65	ng		99
9) Benzaldehyde	6.345	77	351577	40.21	ng		95
10) Phenol	6.451	94	735554	40.35	ng		88
11) bis(2-Chloroethyl)ether	6.534	93	607751	38.68	ng		97
12) 1,3-Dichlorobenzene	6.734	146	620020	38.07	ng		98
13) 1,4-Dichlorobenzene	6.810	146	616039	36.23	ng		98
14) 1,2-Dichlorobenzene	6.963	146	567512	34.36	ng		98
15) Benzyl Alcohol	6.939	79	435315	34.41	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1016077	39.18	ng		94
17) 2-Methylphenol	7.057	107	481728	37.08	ng		98
18) Hexachloroethane	7.304	117	228800	38.78	ng	#	87
19) n-Nitroso-di-n-propyla...	7.210	70	366770	33.83	ng	#	82
20) 3+4-Methylphenols	7.210	107	544804	39.92	ng		94
22) Acetophenone	7.204	105	696908	33.98	ng	#	93
24) Nitrobenzene	7.381	77	621515	38.43	ng		95
25) Isophorone	7.622	82	1177528	38.85	ng		97
26) 2-Nitrophenol	7.692	139	343781	39.31	ng	#	91
27) 2,4-Dimethylphenol	7.739	122	489377	38.69	ng		92
28) bis(2-Chloroethoxy)met...	7.828	93	684113	38.90	ng		99
29) 2,4-Dichlorophenol	7.939	162	479934	38.90	ng		96
30) 1,2,4-Trichlorobenzene	8.022	180	452268	37.72	ng		98
31) Naphthalene	8.098	128	1628807	36.26	ng		99
32) Benzoic acid	7.881	122	390950	41.84	ng		92
33) 4-Chloroaniline	8.151	127	725810	39.25	ng		98
34) Hexachlorobutadiene	8.216	225	222255	37.85	ng		99
35) Caprolactam	8.528	113	173433	40.60	ng	#	72
36) 4-Chloro-3-methylphenol	8.639	107	505194	39.01	ng		97
37) 2-Methylnaphthalene	8.792	142	1069211	36.07	ng		100
38) 1-Methylnaphthalene	8.892	142	1001764	35.94	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	362149	37.53	ng	#	98
41) Hexachlorocyclopentadiene	8.945	237	129515	39.13	ng		95
43) 2,4,6-Trichlorophenol	9.075	196	299550	38.82	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	317903	38.09	ng		96
46) 1,1'-Biphenyl	9.257	154	1146652	34.24	ng		97
47) 2-Chloronaphthalene	9.280	162	966172	36.38	ng		98
48) 2-Nitroaniline	9.380	65	337271	38.80	ng		94
49) Acenaphthylene	9.698	152	1471843	35.94	ng		99
50) Dimethylphthalate	9.563	163	1105861	38.10	ng		99
51) 2,6-Dinitrotoluene	9.622	165	271295	39.26	ng		95
52) Acenaphthene	9.869	154	851662	35.39	ng		99
53) 3-Nitroaniline	9.792	138	343067	39.57	ng		98
54) 2,4-Dinitrophenol	9.898	184	141648	40.97	ng		90
55) Dibenzofuran	10.039	168	1263592	38.90	ng		99
56) 4-Nitrophenol	9.963	139	245837	42.52	ng		84
57) 2,4-Dinitrotoluene	10.027	165	348180	39.51	ng		97
58) Fluorene	10.386	166	930901	38.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	232989	39.53	ng	#	81
60) Diethylphthalate	10.257	149	1046288	36.41	ng		97
61) 4-Chlorophenyl-phenyle...	10.374	204	384127	39.14	ng		93
62) 4-Nitroaniline	10.410	138	348196	40.46	ng	#	81
63) Azobenzene	10.533	77	1133442	36.87	ng		92
65) 4,6-Dinitro-2-methylph...	10.439	198	193303	40.87	ng		84
66) n-Nitrosodiphenylamine	10.498	169	877774	36.51	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	241028	37.65	ng	#	88
68) Hexachlorobenzene	10.933	284	249034	37.49	ng	#	89
69) Atrazine	11.027	200	247407	38.58	ng		97
70) Pentachlorophenol	11.133	266	148462	41.20	ng		97
71) Phenanthrene	11.345	178	1378550	33.60	ng		100
72) Anthracene	11.398	178	1392927	33.75	ng		100
73) Carbazole	11.557	167	1437073	34.20	ng		100
74) Di-n-butylphthalate	11.886	149	1673172	35.05	ng		99
75) Fluoranthene	12.539	202	1371622	40.37	ng		97
77) Benzidine	12.663	184	647601	41.04	ng		97
78) Pyrene	12.768	202	1437635	36.08	ng		98
80) Butylbenzylphthalate	13.386	149	725533	38.60	ng		98
81) Benzo(a)anthracene	13.957	228	1044334	36.46	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	376796	38.52	ng	#	96
83) Chrysene	13.998	228	1085623	36.71	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	850809	37.57	ng	#	99
85) Di-n-octyl phthalate	14.557	149	1532455	39.80	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.845	276	822214	34.60	ng	#	85
88) Benzo(b)fluoranthene	14.998	252	951301	37.33	ng	#	96
89) Benzo(k)fluoranthene	15.027	252	900876	39.46	ng	#	96
90) Benzo(a)pyrene	15.357	252	852939	37.95	ng	#	96
91) Dibenzo(a,h)anthracene	16.862	278	680138	34.65	ng	#	93
92) Benzo(g,h,i)perylene	17.280	276	715126	34.27	ng	#	87

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

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