Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123332.D
Acq On : 2 Mar 2021 12:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 02 12:59:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	137602	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	532536	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	283730	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	533354	20.00	ng		0.00
76) Chrysene-d12	14.045	240	412203	20.00	ng		0.00
86) Perylene-d12	15.515	264	346181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	733257	76.70	ng		0.00
7) Phenol-d6	6.492	99	1006118	77.47	ng		0.00
23) Nitrobenzene-d5	7.422	82	945767	81.30	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	229286	79.36	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1499756	75.93	ng		0.00
79) Terphenyl-d14	12.980	244	1802524	84.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	179131	32.47	ng		91
3) Pyridine	3.334	79	456928	33.99	ng		93
4) n-Nitrosodimethylamine	3.287	42	210708	33.90	ng		83
6) Aniline	6.522	93	581389	37.90	ng		94
8) 2-Chlorophenol	6.645	128	394034	38.36	ng		92
9) Benzaldehyde	6.404	77	286798	44.07	ng		89
10) Phenol	6.510	94	544048	38.44	ng		84
11) bis(2-Chloroethyl)ether	6.592	93	398292	39.23	ng		95
12) 1,3-Dichlorobenzene	6.798	146	415263	38.87	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	415196	38.13	ng		96
14) 1,2-Dichlorobenzene	7.028	146	394591	38.96	ng		95
15) Benzyl Alcohol	6.998	79	415393	41.02	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.134	45	563089	40.44	ng		97
17) 2-Methylphenol	7.116	107	340320	39.40	ng		93
18) Hexachloroethane	7.369	117	162390	41.29	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	322622	41.75	ng		95
20) 3+4-Methylphenols	7.269	107	420418	37.06	ng	#	87
22) Acetophenone	7.269	105	544217	39.40	ng	#	89
24) Nitrobenzene	7.439	77	495607	40.41	ng		88
25) Isophorone	7.681	82	901187	41.43	ng		96
26) 2-Nitrophenol	7.757	139	213747	41.60	ng		90
27) 2,4-Dimethylphenol	7.792	122	316190	39.75	ng		92
28) bis(2-Chloroethoxy)met...	7.886	93	472727	41.52	ng		99
29) 2,4-Dichlorophenol	7.998	162	329655	40.14	ng		93
30) 1,2,4-Trichlorobenzene	8.081	180	350023	39.20	ng		98
31) Naphthalene	8.163	128	1135946	38.92	ng		99
32) Benzoic acid	7.934	122	218875	37.31	ng	#	86
33) 4-Chloroaniline	8.210	127	478898	40.32	ng	#	91
34) Hexachlorobutadiene	8.281	225	201458	40.00	ng		98
35) Caprolactam	8.592	113	117340	42.58	ng	#	82
36) 4-Chloro-3-methylphenol	8.698	107	401212	41.10	ng		91
37) 2-Methylnaphthalene	8.857	142	769699	39.59	ng		98
38) 1-Methylnaphthalene	8.951	142	724886	39.87	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	324349	38.26	ng		97
41) Hexachlorocyclopentadiene	9.010	237	128586	32.37	ng		96
43) 2,4,6-Trichlorophenol	9.133	196	231983	38.58	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	251242	39.04	ng		92
46) 1,1'-Biphenyl	9.322	154	894442	38.00	ng		99
47) 2-Chloronaphthalene	9.345	162	713163	38.40	ng		98
48) 2-Nitroaniline	9.439	65	279575	42.02	ng	#	73
49) Acenaphthylene	9.763	152	1093735	38.83	ng		100
50) Dimethylphthalate	9.622	163	868297	40.92	ng		99
51) 2,6-Dinitrotoluene	9.686	165	200857	41.08	ng	#	80
52) Acenaphthene	9.933	154	692613	35.66	ng		98
53) 3-Nitroaniline	9.857	138	214124	39.45	ng	#	79
54) 2,4-Dinitrophenol	9.963	184	103672	40.36	ng	#	78
55) Dibenzofuran	10.104	168	1018452	38.73	ng		95
56) 4-Nitrophenol	10.022	139	151455	35.02	ng	#	65
57) 2,4-Dinitrotoluene	10.092	165	270862	41.19	ng	#	85
58) Fluorene	10.451	166	809089	39.10	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	205201	39.97	ng	#	84
60) Diethylphthalate	10.322	149	872067	41.51	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	389667	39.55	ng		96
62) 4-Nitroaniline	10.475	138	217745	39.86	ng		87
63) Azobenzene	10.598	77	990179	40.90	ng		92
65) 4,6-Dinitro-2-methylph...	10.504	198	155609	43.34	ng		81
66) n-Nitrosodiphenylamine	10.563	169	717963	38.93	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	230388	39.62	ng		96
68) Hexachlorobenzene	11.004	284	242440	39.58	ng		97
69) Atrazine	11.092	200	241913	41.51	ng		97
70) Pentachlorophenol	11.198	266	142368	36.81	ng		97
71) Phenanthrene	11.416	178	1215996	38.55	ng		100
72) Anthracene	11.469	178	1221319	38.81	ng		99
73) Carbazole	11.621	167	1150449	38.82	ng		99
74) Di-n-butylphthalate	11.951	149	1400224	42.26	ng		99
75) Fluoranthene	12.610	202	1300197	38.89	ng		99
77) Benzidine	12.727	184	372689	27.99	ng		98
78) Pyrene	12.839	202	1315678	40.88	ng		100
80) Butylbenzylphthalate	13.457	149	611121	44.92	ng		91
81) Benzo(a)anthracene	14.033	228	1113921	39.76	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	381540	40.97	ng		99
83) Chrysene	14.074	228	1084414	39.42	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	839562	44.83	ng		99
85) Di-n-octyl phthalate	14.633	149	1375291	42.98	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.003	276	850868	35.56	ng		97
88) Benzo(b)fluoranthene	15.086	252	1041061	42.82	ng		98
89) Benzo(k)fluoranthene	15.121	252	918175	41.65	ng		99
90) Benzo(a)pyrene	15.457	252	873510	40.29	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	722651	35.21	ng		98
92) Benzo(g,h,i)perylene	17.456	276	679576	35.95	ng		98

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

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