Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040221\
Data File : BF123544.D
Acq On : 1 Apr 2021 16:42
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 18:46:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 18:46:00 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	143065	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	574295	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	342885	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	645692	20.00	ng		# 0.00
76) Chrysene-d12	14.063	240	515087	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	460392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	80086	9.77	ng		0.00
7) Phenol-d6	6.498	99	111193	9.79	ng		-0.02
23) Nitrobenzene-d5	7.439	82	106645	9.57	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	43593	9.65	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	244297	10.22	ng		-0.01
79) Terphenyl-d14	12.998	244	315815	9.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	17129	4.88	ng	#	64
3) Pyridine	3.434	79	40441	4.69	ng	#	33
4) n-Nitrosodimethylamine	3.351	42	28703	4.67	ng	#	54
6) Aniline	6.534	93	60704	4.77	ng		92
8) 2-Chlorophenol	6.663	128	46733	4.90	ng		94
9) Benzaldehyde	6.428	77	36674	5.55	ng		98
10) Phenol	6.510	94	56480m	4.77	ng		
11) bis(2-Chloroethyl)ether	6.610	93	42142	4.85	ng		89
12) 1,3-Dichlorobenzene	6.822	146	53080	5.03	ng		96
13) 1,4-Dichlorobenzene	6.898	146	54860	5.09	ng		99
14) 1,2-Dichlorobenzene	7.051	146	51808	5.08	ng		98
15) Benzyl Alcohol	7.016	79	41131	4.86	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.157	45	93910	5.33	ng		88
17) 2-Methylphenol	7.122	107	35872	5.01	ng	#	93
18) Hexachloroethane	7.398	117	19994	5.12	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	38242	5.32	ng	#	72
20) 3+4-Methylphenols	7.275	107	47720	5.10	ng		91
22) Acetophenone	7.281	105	70516	4.93	ng	#	83
24) Nitrobenzene	7.457	77	55876	4.92	ng		90
25) Isophorone	7.698	82	97908	4.85	ng		98
26) 2-Nitrophenol	7.775	139	23597	4.58	ng	#	79
27) 2,4-Dimethylphenol	7.810	122	36679	4.76	ng		89
28) bis(2-Chloroethoxy)met...	7.910	93	50174	4.77	ng		98
29) 2,4-Dichlorophenol	8.016	162	40407	4.64	ng		95
30) 1,2,4-Trichlorobenzene	8.104	180	46013	4.91	ng		98
31) Naphthalene	8.186	128	141988	4.93	ng		99
32) Benzoic acid	7.875	122	21678	4.10	ng	#	83
33) 4-Chloroaniline	8.228	127	57219	4.98	ng	#	92
34) Hexachlorobutadiene	8.310	225	30315	4.84	ng		97
35) Caprolactam	8.563	113	12017	4.60	ng	#	38
36) 4-Chloro-3-methylphenol	8.704	107	45960	4.82	ng		86
37) 2-Methylnaphthalene	8.881	142	100870	4.76	ng		97
38) 1-Methylnaphthalene	8.980	142	94160	4.66	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	47028	4.70	ng		99
41) Hexachlorocyclopentadiene	9.039	237	21138	4.01	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	32059	4.54	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	35362	4.66	ng		96
46) 1,1'-Biphenyl	9.345	154	128706	4.92	ng		92
47) 2-Chloronaphthalene	9.369	162	98696	4.81	ng		95
48) 2-Nitroaniline	9.457	65	32039	4.67	ng	#	74
49) Acenaphthylene	9.786	152	154937	4.89	ng		97
50) Dimethylphthalate	9.639	163	121244	5.07	ng		99
51) 2,6-Dinitrotoluene	9.698	165	26435	4.96	ng	#	74
52) Acenaphthene	9.957	154	100842	4.79	ng		98
53) 3-Nitroaniline	9.869	138	27150	4.88	ng		98
55) Dibenzofuran	10.127	168	146965	5.07	ng		93
56) 4-Nitrophenol	10.022	139	19963	4.60	ng	#	67
57) 2,4-Dinitrotoluene	10.098	165	33745	4.72	ng	#	82
58) Fluorene	10.475	166	118840	5.09	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	28296m	4.58	ng		
60) Diethylphthalate	10.339	149	130806	5.23	ng		94
61) 4-Chlorophenyl-phenyle...	10.463	204	57082	5.09	ng		89
62) 4-Nitroaniline	10.475	138	27263	4.95	ng		95
63) Azobenzene	10.622	77	119796	5.01	ng		88
65) 4,6-Dinitro-2-methylph...	10.510	198	15419	3.91	ng	#	81
66) n-Nitrosodiphenylamine	10.580	169	109483	4.97	ng		93
67) 4-Bromophenyl-phenylether	10.957	248	37108	4.88	ng		98
68) Hexachlorobenzene	11.022	284	42352	4.94	ng		99
69) Atrazine	11.104	200	37625	5.21	ng		96
70) Pentachlorophenol	11.216	266	19735	4.09	ng		98
71) Phenanthrene	11.439	178	178508	5.06	ng		96
72) Anthracene	11.486	178	177147	5.01	ng		98
73) Carbazole	11.639	167	164039	5.06	ng		99
74) Di-n-butylphthalate	11.974	149	209630	5.16	ng		99
75) Fluoranthene	12.627	202	187754	4.75	ng		93
77) Benzidine	12.745	184	100215	5.61	ng		98
78) Pyrene	12.857	202	194917	4.47	ng		97
80) Butylbenzylphthalate	13.480	149	87241	4.65	ng		92
81) Benzo(a)anthracene	14.051	228	169100	4.89	ng		94
82) 3,3'-Dichlorobenzidine	14.010	252	52298	5.00	ng		100
83) Chrysene	14.086	228	163929	4.88	ng		97
84) Bis(2-ethylhexyl)phtha...	14.039	149	125442	5.04	ng	#	99
85) Di-n-octyl phthalate	14.657	149	196864	5.33	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.033	276	111703	4.23	ng		95
88) Benzo(b)fluoranthene	15.110	252	147066	4.67	ng	#	95
89) Benzo(k)fluoranthene	15.139	252	141672	4.78	ng	#	95
90) Benzo(a)pyrene	15.480	252	123961	4.72	ng	#	98
91) Dibenzo(a,h)anthracene	17.056	278	95686	4.29	ng		98
92) Benzo(g,h,i)perylene	17.480	276	89369	4.16	ng	#	92

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

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