Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120520\
Data File : BF122558.D
Acq On : 5 Dec 2020 14:38
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Dec 07 07:41:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 07:28:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	171169	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	662991	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	353716	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	657480	20.00	ng		0.00
76) Chrysene-d12	14.004	240	593877	20.00	ng		0.00
86) Perylene-d12	15.468	264	575663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	263807	23.67	ng		0.00
7) Phenol-d6	6.463	99	349576	23.97	ng		-0.02
23) Nitrobenzene-d5	7.398	82	296869	27.41	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	106288	28.00	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	631952	27.91	ng		0.00
79) Terphenyl-d14	12.951	244	803809	28.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	59177	11.58	ng		98
3) Pyridine	3.351	79	152584	10.85	ng		98
4) n-Nitrosodimethylamine	3.275	42	61089	9.22	ng		94
6) Aniline	6.498	93	200846	10.50	ng		99
8) 2-Chlorophenol	6.622	128	144564	12.51	ng		100
9) Benzaldehyde	6.386	77	106865	13.00	ng		97
10) Phenol	6.481	94	182114	12.68	ng		85
11) bis(2-Chloroethyl)ether	6.569	93	135536	11.87	ng		99
12) 1,3-Dichlorobenzene	6.781	146	171042	13.03	ng		99
13) 1,4-Dichlorobenzene	6.857	146	174095	13.21	ng		98
14) 1,2-Dichlorobenzene	7.010	146	165166	13.42	ng		99
15) Benzyl Alcohol	6.975	79	117806	11.36	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	194082	11.67	ng		99
17) 2-Methylphenol	7.092	107	110249	11.43	ng		98
18) Hexachloroethane	7.357	117	60681	13.22	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	99941	11.47	ng		96
20) 3+4-Methylphenols	7.245	107	146032	12.30	ng	#	78
22) Acetophenone	7.245	105	193570	11.21	ng		98
24) Nitrobenzene	7.416	77	148734	12.00	ng		96
25) Isophorone	7.657	82	254450	10.54	ng		99
26) 2-Nitrophenol	7.739	139	68524	16.39	ng		95
27) 2,4-Dimethylphenol	7.775	122	106138	9.32	ng		99
28) bis(2-Chloroethoxy)met...	7.869	93	177395	12.01	ng		100
29) 2,4-Dichlorophenol	7.981	162	125196	12.42	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	142703	12.82	ng		98
31) Naphthalene	8.145	128	425831	12.08	ng		99
32) Benzoic acid	7.857	122	62000	12.06	ng		95
33) 4-Chloroaniline	8.192	127	174555	11.37	ng		99
34) Hexachlorobutadiene	8.269	225	87738	13.72	ng		99
35) Caprolactam	8.533	113	36555	11.44	ng		97
36) 4-Chloro-3-methylphenol	8.669	107	121106	11.52	ng		99
37) 2-Methylnaphthalene	8.839	142	286883	12.32	ng		98
38) 1-Methylnaphthalene	8.933	142	270968	12.43	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	136434	12.52	ng		99
41) Hexachlorocyclopentadiene	8.992	237	43368	6.80	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	90942	12.85	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	94836	12.78	ng		98
46) 1,1'-Biphenyl	9.298	154	353312	12.55	ng		98
47) 2-Chloronaphthalene	9.327	162	285561	12.78	ng		97
48) 2-Nitroaniline	9.416	65	78516	14.31	ng		87
49) Acenaphthylene	9.739	152	428684	12.48	ng		99
50) Dimethylphthalate	9.598	163	326561	12.99	ng		99
51) 2,6-Dinitrotoluene	9.657	165	65975	13.57	ng		88
52) Acenaphthene	9.910	154	273780	12.88	ng		99
53) 3-Nitroaniline	9.827	138	77548	13.81	ng		99
54) 2,4-Dinitrophenol	9.933	184	22523	15.16	ng		99
55) Dibenzofuran	10.086	168	393701	12.64	ng		93
56) 4-Nitrophenol	9.986	139	52851	11.02	ng		94
57) 2,4-Dinitrotoluene	10.063	165	90589	15.41	ng	#	88
58) Fluorene	10.427	166	309926	12.99	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	85430	13.84	ng		99
60) Diethylphthalate	10.298	149	325035	13.18	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	157181	13.96	ng		99
62) 4-Nitroaniline	10.433	138	79602	14.40	ng		98
63) Azobenzene	10.574	77	296913	11.47	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	35177	14.08	ng		96
66) n-Nitrosodiphenylamine	10.533	169	272040	12.14	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	101097	13.09	ng		92
68) Hexachlorobenzene	10.974	284	113950	13.65	ng		99
69) Atrazine	11.057	200	88036	15.78	ng		100
70) Pentachlorophenol	11.169	266	52834	10.99	ng		98
71) Phenanthrene	11.386	178	475652	12.75	ng		98
72) Anthracene	11.439	178	468178	12.18	ng		98
73) Carbazole	11.592	167	421452	12.05	ng		97
74) Di-n-butylphthalate	11.927	149	540039	14.48	ng		98
75) Fluoranthene	12.574	202	503716	12.93	ng		99
77) Benzidine	12.698	184	143499	8.71	ng		98
78) Pyrene	12.804	202	510462	12.23	ng		99
80) Butylbenzylphthalate	13.421	149	226721	15.12	ng		99
81) Benzo(a)anthracene	13.992	228	469195	12.70	ng		97
82) 3,3'-Dichlorobenzidine	13.957	252	168997	12.28	ng		98
83) Chrysene	14.027	228	468855	12.60	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	327401	16.27	ng		100
85) Di-n-octyl phthalate	14.598	149	549722	16.12	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	421097	12.19	ng		99
88) Benzo(b)fluoranthene	15.039	252	440796	11.82	ng		99
89) Benzo(k)fluoranthene	15.068	252	451974	12.43	ng		98
90) Benzo(a)pyrene	15.404	252	401494	12.35	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	351392	12.15	ng		99
92) Benzo(g,h,i)perylene	17.350	276	325972	11.59	ng		100

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

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