Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132251.D
Acq On : 01 Feb 2023 10:09
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 01:32:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/02/2023
Supervised By :Jagrut Upadhyay 02/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.072	152	173516	20.000	ng		0.00
21) Naphthalene-d8	8.360	136	631588	20.000	ng		0.00
39) Acenaphthene-d10	10.124	164	309267	20.000	ng		0.00
64) Phenanthrene-d10	11.619	188	571587	20.000	ng		0.00
76) Chrysene-d12	14.283	240	389288	20.000	ng	#	0.00
86) Perylene-d12	15.871	264	387441	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	837879	77.618	ng		0.00
7) Phenol-d6	6.684	99	1021199	76.733	ng		0.00
23) Nitrobenzene-d5	7.636	82	867426	76.426	ng		0.00
42) 2,4,6-Tribromophenol	10.919	330	254895	80.146	ng		0.00
45) 2-Fluorobiphenyl	9.436	172	1487221	74.261	ng		0.00
79) Terphenyl-d14	13.213	244	1522892	75.674	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.960	88	202167	39.802	ng		99
3) Pyridine	3.731	79	542113	39.341	ng		99
4) n-Nitrosodimethylamine	3.690	42	165197	37.466	ng		94
6) Aniline	6.731	93	689525	38.181	ng		98
8) 2-Chlorophenol	6.854	128	443959	39.709	ng		99
9) Benzaldehyde	6.625	77	285769	37.634	ng		99
10) Phenol	6.695	94	531213	38.564	ng		98
11) bis(2-Chloroethyl)ether	6.801	93	441773	38.968	ng		97
12) 1,3-Dichlorobenzene	7.013	146	472245	39.937	ng		98
13) 1,4-Dichlorobenzene	7.089	146	468063	39.655	ng		99
14) 1,2-Dichlorobenzene	7.242	146	436180	39.624	ng		99
15) Benzyl Alcohol	7.201	79	373869	38.500	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.342	45	451692	37.817	ng		98
17) 2-Methylphenol	7.307	107	381452	38.976	ng		99
18) Hexachloroethane	7.589	117	175917	39.728	ng		99
19) n-Nitroso-di-n-propyla...	7.478	70	275232	36.409	ng		99
20) 3+4-Methylphenols	7.460	107	492206	39.404	ng		99
22) Acetophenone	7.478	105	575031	38.714	ng		99
24) Nitrobenzene	7.654	77	450359	38.840	ng		99
25) Isophorone	7.889	82	816789	37.916	ng		99
26) 2-Nitrophenol	7.972	139	232724	41.205	ng	#	89
27) 2,4-Dimethylphenol	7.995	122	393011	39.755	ng		97
28) bis(2-Chloroethoxy)met...	8.095	93	519948	39.276	ng		100
29) 2,4-Dichlorophenol	8.207	162	351567	40.056	ng		99
30) 1,2,4-Trichlorobenzene	8.295	180	375543	39.956	ng		97
31) Naphthalene	8.383	128	1236567	39.775	ng		100
32) Benzoic acid	8.089	122	298873m	40.843	ng		
33) 4-Chloroaniline	8.425	127	547832	39.739	ng		99
34) Hexachlorobutadiene	8.495	225	215211	40.731	ng		99
35) Caprolactam	8.795	113	118800	39.704	ng		96
36) 4-Chloro-3-methylphenol	8.889	107	374889	39.647	ng		100
37) 2-Methylnaphthalene	9.072	142	829087	39.371	ng		99
38) 1-Methylnaphthalene	9.172	142	780080	39.862	ng		99
40) 1,2,4,5-Tetrachloroben...	9.236	216	350811	40.309	ng		99
41) Hexachlorocyclopentadiene	9.225	237	211559	41.665	ng		99
43) 2,4,6-Trichlorophenol	9.348	196	254038	40.834	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.383	196	291162	40.662	ng	99
46) 1,1'-Biphenyl	9.536	154	951983	39.928	ng	99
47) 2-Chloronaphthalene	9.566	162	725606	39.957	ng	100
48) 2-Nitroaniline	9.654	65	212211	39.292	ng	96
49) Acenaphthylene	9.983	152	1185179	39.989	ng	100
50) Dimethylphthalate	9.830	163	856073	39.572	ng	99
51) 2,6-Dinitrotoluene	9.895	165	199169	41.223	ng	95
52) Acenaphthene	10.160	154	734135	39.565	ng	99
53) 3-Nitroaniline	10.072	138	237476	40.530	ng	96
54) 2,4-Dinitrophenol	10.172	184	99783	38.028	ng	95
55) Dibenzofuran	10.330	168	1033571	39.645	ng	98
56) 4-Nitrophenol	10.207	139	183295	41.572	ng	90
57) 2,4-Dinitrotoluene	10.301	165	260405	41.491	ng	97
58) Fluorene	10.677	166	791705	39.459	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	213388	40.877	ng	99
60) Diethylphthalate	10.536	149	861222	40.018	ng	99
61) 4-Chlorophenyl-phenyle...	10.666	204	378098	39.708	ng	99
62) 4-Nitroaniline	10.689	138	222839	39.660	ng	98
63) Azobenzene	10.824	77	815269	38.891	ng	99
65) 4,6-Dinitro-2-methylph...	10.713	198	138637	42.735	ng	93
66) n-Nitrosodiphenylamine	10.783	169	697419	38.966	ng	100
67) 4-Bromophenyl-phenylether	11.160	248	233249	39.851	ng	98
68) Hexachlorobenzene	11.224	284	248034	39.648	ng	97
69) Atrazine	11.301	200	214123	41.592	ng	96
70) Pentachlorophenol	11.413	266	176178	40.987	ng	99
71) Phenanthrene	11.648	178	1166937	39.069	ng	100
72) Anthracene	11.701	178	1194426	39.294	ng	100
73) Carbazole	11.848	167	1068893	39.218	ng	100
74) Di-n-butylphthalate	12.171	149	1277664	39.652	ng	100
75) Fluoranthene	12.842	202	1197726	39.295	ng	98
77) Benzidine	12.960	184	511503	37.583	ng	99
78) Pyrene	13.077	202	1215604	38.824	ng	99
80) Butylbenzylphthalate	13.683	149	546565	39.510	ng	95
81) Benzo(a)anthracene	14.271	228	1069069	39.264	ng	99
82) 3,3'-Dichlorobenzidine	14.230	252	352995	40.705	ng	100
83) Chrysene	14.312	228	1005224	39.428	ng	100
84) Bis(2-ethylhexyl)phtha...	14.242	149	734838	39.300	ng	100
85) Di-n-octyl phthalate	14.877	149	1210978	39.707	ng	99
87) Indeno(1,2,3-cd)pyrene	17.518	276	995156	38.656	ng	100
88) Benzo(b)fluoranthene	15.395	252	969048	39.348	ng	98
89) Benzo(k)fluoranthene	15.430	252	983988	41.858	ng	99
90) Benzo(a)pyrene	15.801	252	917921	40.026	ng	99
91) Dibenzo(a,h)anthracene	17.542	278	819010	39.570	ng	99
92) Benzo(g,h,i)perylene	18.024	276	811219	37.938	ng	100

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

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