Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132293.D
Acq On : 02 Feb 2023 15:41
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 03 00:22:15 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 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

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02/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	246530	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	896080	20.000	ng	0.00
39) Acenaphthene-d10	10.124	164	437536	20.000	ng	0.00
64) Phenanthrene-d10	11.618	188	745446	20.000	ng	0.00
76) Chrysene-d12	14.283	240	351092	20.000	ng	0.00
86) Perylene-d12	15.865	264	357627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	1111555	72.474	ng	0.00
7) Phenol-d6	6.684	99	1338340	70.779	ng	0.00
23) Nitrobenzene-d5	7.636	82	1172333	72.803	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	369940	82.219	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1980126	69.887	ng	0.00
79) Terphenyl-d14	13.213	244	1732719	95.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.007	88	266707	36.957	ng	97
3) Pyridine	3.766	79	711267	36.330	ng	97
4) n-Nitrosodimethylamine	3.731	42	220564	35.208	ng	97
6) Aniline	6.736	93	932699m	36.350	ng	
8) 2-Chlorophenol	6.854	128	603435	37.988	ng	95
9) Benzaldehyde	6.619	77	381922	34.496	ng	99
10) Phenol	6.701	94	694757	35.499	ng	97
11) bis(2-Chloroethyl)ether	6.801	93	603452	37.465	ng	96
12) 1,3-Dichlorobenzene	7.013	146	650682	38.730	ng	97
13) 1,4-Dichlorobenzene	7.083	146	653135	38.946	ng	98
14) 1,2-Dichlorobenzene	7.242	146	592091	37.858	ng	98
15) Benzyl Alcohol	7.207	79	506701	36.725	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.336	45	596562	35.154	ng	96
17) 2-Methylphenol	7.307	107	524942	37.752	ng	100
18) Hexachloroethane	7.583	117	249389	39.641	ng	99
19) n-Nitroso-di-n-propyla...	7.478	70	358761	33.403	ng	96
20) 3+4-Methylphenols	7.466	107	636547	35.867	ng	90
22) Acetophenone	7.478	105	752570	35.712	ng	98
24) Nitrobenzene	7.654	77	592746	36.031	ng	96
25) Isophorone	7.889	82	1142370	37.377	ng	97
26) 2-Nitrophenol	7.966	139	338701	42.268	ng	95
27) 2,4-Dimethylphenol	7.995	122	546361	38.954	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	703233	37.442	ng	99
29) 2,4-Dichlorophenol	8.207	162	502957	40.390	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	537926	40.340	ng	98
31) Naphthalene	8.378	128	1643206	37.254	ng	99
32) Benzoic acid	8.107	122	412101m	39.694	ng	
33) 4-Chloroaniline	8.419	127	732674	37.460	ng	99
34) Hexachlorobutadiene	8.489	225	320704	42.781	ng	99
35) Caprolactam	8.801	113	156160	36.785	ng	92
36) 4-Chloro-3-methylphenol	8.895	107	512524	38.204	ng	96
37) 2-Methylnaphthalene	9.072	142	1122974	37.587	ng	100
38) 1-Methylnaphthalene	9.172	142	1044919	37.635	ng	99
40) 1,2,4,5-Tetrachloroben...	9.236	216	494137	40.132	ng	99
41) Hexachlorocyclopentadiene	9.225	237	315098	43.863	ng	97
43) 2,4,6-Trichlorophenol	9.342	196	361610	41.085	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.383	196	414526	40.919	ng		98
46) 1,1'-Biphenyl	9.536	154	1289746	38.236	ng		98
47) 2-Chloronaphthalene	9.566	162	989177	38.502	ng		99
48) 2-Nitroaniline	9.654	65	268652	35.160	ng		89
49) Acenaphthylene	9.983	152	1583046	37.754	ng		99
50) Dimethylphthalate	9.836	163	1207967	39.468	ng		99
51) 2,6-Dinitrotoluene	9.895	165	277222	40.557	ng		94
52) Acenaphthene	10.160	154	985702	37.549	ng		98
53) 3-Nitroaniline	10.072	138	308033	37.160	ng		96
54) 2,4-Dinitrophenol	10.172	184	143284	38.533	ng		92
55) Dibenzofuran	10.330	168	1373743	37.245	ng		99
56) 4-Nitrophenol	10.213	139	220304	35.318	ng		98
57) 2,4-Dinitrotoluene	10.301	165	359619	40.501	ng		94
58) Fluorene	10.672	166	1025126	36.114	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.442	232	303448	41.088	ng		98
60) Diethylphthalate	10.536	149	1219191	40.043	ng		99
61) 4-Chlorophenyl-phenyle...	10.660	204	524412	38.928	ng		95
62) 4-Nitroaniline	10.689	138	266270	33.497	ng		97
63) Azobenzene	10.824	77	1046808	35.297	ng		95
65) 4,6-Dinitro-2-methylph...	10.713	198	195587	46.229	ng		99
66) n-Nitrosodiphenylamine	10.783	169	930036	39.843	ng		99
67) 4-Bromophenyl-phenylether	11.154	248	334089	43.767	ng		96
68) Hexachlorobenzene	11.224	284	346576	42.479	ng		96
69) Atrazine	11.301	200	294228	43.822	ng		97
70) Pentachlorophenol	11.413	266	235734	42.052	ng		99
71) Phenanthrene	11.648	178	1461332	37.514	ng		100
72) Anthracene	11.695	178	1495276	37.719	ng		100
73) Carbazole	11.848	167	1262956	35.530	ng		100
74) Di-n-butylphthalate	12.171	149	1719082	40.908	ng		99
75) Fluoranthene	12.842	202	1345429	33.846	ng		99
77) Benzidine	12.954	184	443407	36.124	ng		99
78) Pyrene	13.077	202	1323239	46.859	ng		100
80) Butylbenzylphthalate	13.683	149	579054	46.413	ng		97
81) Benzo(a)anthracene	14.271	228	975317	39.718	ng		100
82) 3,3'-Dichlorobenzidine	14.224	252	317664	40.616	ng		99
83) Chrysene	14.307	228	900645	39.169	ng		100
84) Bis(2-ethylhexyl)phtha...	14.242	149	758729	44.992	ng	#	99
85) Di-n-octyl phthalate	14.871	149	1201555	43.684	ng		98
87) Indeno(1,2,3-cd)pyrene	17.518	276	1030121	43.350	ng		98
88) Benzo(b)fluoranthene	15.389	252	897556	39.484	ng		99
89) Benzo(k)fluoranthene	15.424	252	817140	37.659	ng		99
90) Benzo(a)pyrene	15.801	252	832324	39.319	ng		99
91) Dibenzo(a,h)anthracene	17.536	278	837350	43.828	ng		99
92) Benzo(g,h,i)perylene	18.024	276	847704	42.949	ng		97

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

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