Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
Data File : BF132212.D
Acq On : 30 Jan 2023 15:41
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 00:30:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 28 02:25:45 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	227045	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	795421	20.000	ng	0.00
39) Acenaphthene-d10	10.137	164	405741	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	747410	20.000	ng	0.00
76) Chrysene-d12	14.295	240	410552	20.000	ng	0.00
86) Perylene-d12	15.883	264	371041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1082050	79.294	ng	0.00
7) Phenol-d6	6.696	99	1335344	78.043	ng	0.00
23) Nitrobenzene-d5	7.648	82	1186416	78.087	ng	0.00
42) 2,4,6-Tribromophenol	10.931	330	302097	80.407	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	1995343	72.362	ng	0.00
79) Terphenyl-d14	13.225	244	2069762	79.207	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	275745	40.148	ng	98
3) Pyridine	3.772	79	740510	39.256	ng	99
4) n-Nitrosodimethylamine	3.737	42	237653	37.643	ng	93
6) Aniline	6.748	93	951887m	39.729	ng	
8) 2-Chlorophenol	6.866	128	556346	40.660	ng	98
9) Benzaldehyde	6.637	77	399376	37.900	ng	96
10) Phenol	6.707	94	699862	39.291	ng	97
11) bis(2-Chloroethyl)ether	6.813	93	601420	39.142	ng	98
12) 1,3-Dichlorobenzene	7.025	146	606021	39.841	ng	99
13) 1,4-Dichlorobenzene	7.101	146	605656	39.939	ng	99
14) 1,2-Dichlorobenzene	7.254	146	563248	39.983	ng	100
15) Benzyl Alcohol	7.219	79	497516	39.572	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.354	45	658767	37.755	ng	97
17) 2-Methylphenol	7.319	107	493534	39.670	ng	99
18) Hexachloroethane	7.601	117	226553	40.658	ng	90
19) n-Nitroso-di-n-propyla...	7.490	70	386818	37.561	ng	97
20) 3+4-Methylphenols	7.472	107	628934	40.224	ng	90
22) Acetophenone	7.490	105	757464	38.947	ng	98
24) Nitrobenzene	7.666	77	614660	39.130	ng	98
25) Isophorone	7.901	82	1123321	38.444	ng	99
26) 2-Nitrophenol	7.978	139	236764	37.650	ng	97
27) 2,4-Dimethylphenol	8.007	122	493952	40.425	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	706037	39.247	ng	100
29) 2,4-Dichlorophenol	8.219	162	468890	41.098	ng	100
30) 1,2,4-Trichlorobenzene	8.307	180	531702	40.567	ng	99
31) Naphthalene	8.395	128	1550760	39.403	ng	99
32) Benzoic acid	8.107	122	271601m	35.415	ng	
33) 4-Chloroaniline	8.437	127	690755	40.486	ng	99
34) Hexachlorobutadiene	8.507	225	332193	40.573	ng	99
35) Caprolactam	8.813	113	135724	42.015	ng	93
36) 4-Chloro-3-methylphenol	8.901	107	473521	40.529	ng	95
37) 2-Methylnaphthalene	9.084	142	1070612	39.647	ng	100
38) 1-Methylnaphthalene	9.184	142	993621	39.666	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	547719	40.224	ng	99
41) Hexachlorocyclopentadiene	9.237	237	285932	41.342	ng	99
43) 2,4,6-Trichlorophenol	9.354	196	344760	41.495	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	400645	41.177	ng		98
46) 1,1'-Biphenyl	9.548	154	1233017	39.434	ng		99
47) 2-Chloronaphthalene	9.578	162	953857	39.304	ng		99
48) 2-Nitroaniline	9.666	65	262493	40.274	ng		94
49) Acenaphthylene	9.995	152	1501076	39.809	ng		99
50) Dimethylphthalate	9.848	163	1101855	40.015	ng		99
51) 2,6-Dinitrotoluene	9.907	165	245377	41.945	ng		97
52) Acenaphthene	10.172	154	908667	39.194	ng		99
53) 3-Nitroaniline	10.084	138	269218	41.590	ng		94
54) 2,4-Dinitrophenol	10.178	184	95946	35.930	ng	#	1
55) Dibenzofuran	10.342	168	1363409	39.255	ng		99
56) 4-Nitrophenol	10.219	139	188530	40.311	ng		95
57) 2,4-Dinitrotoluene	10.313	165	305585	42.431	ng		93
58) Fluorene	10.689	166	1037177	39.096	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	289702	41.904	ng		100
60) Diethylphthalate	10.548	149	1071694	39.926	ng		99
61) 4-Chlorophenyl-phenyle...	10.672	204	556780	39.786	ng		99
62) 4-Nitroaniline	10.701	138	248959	40.990	ng		97
63) Azobenzene	10.836	77	1088362	38.421	ng		97
65) 4,6-Dinitro-2-methylph...	10.725	198	138474	37.158	ng		89
66) n-Nitrosodiphenylamine	10.795	169	915316	38.999	ng		99
67) 4-Bromophenyl-phenylether	11.172	248	343793	39.956	ng		97
68) Hexachlorobenzene	11.236	284	341174	40.016	ng		96
69) Atrazine	11.313	200	283085	42.023	ng		98
70) Pentachlorophenol	11.425	266	226821	40.307	ng		99
71) Phenanthrene	11.660	178	1499900	39.448	ng		99
72) Anthracene	11.713	178	1512840	39.073	ng		100
73) Carbazole	11.860	167	1326542	39.883	ng		99
74) Di-n-butylphthalate	12.183	149	1522441	40.234	ng		99
75) Fluoranthene	12.854	202	1566311	40.487	ng		99
77) Benzidine	12.972	184	491734	45.887	ng		100
78) Pyrene	13.089	202	1555096	40.427	ng		100
80) Butylbenzylphthalate	13.695	149	497171	38.770	ng		98
81) Benzo(a)anthracene	14.283	228	1158104	40.120	ng		100
82) 3,3'-Dichlorobenzidine	14.242	252	342010	43.721	ng		99
83) Chrysene	14.319	228	1087162	40.414	ng		99
84) Bis(2-ethylhexyl)phtha...	14.254	149	645943	38.711	ng		100
85) Di-n-octyl phthalate	14.889	149	822680	34.810	ng		99
87) Indeno(1,2,3-cd)pyrene	17.536	276	1003360	40.900	ng		99
88) Benzo(b)fluoranthene	15.401	252	930735	40.843	ng		99
89) Benzo(k)fluoranthene	15.436	252	960928	40.866	ng		99
90) Benzo(a)pyrene	15.813	252	895128	41.621	ng		99
91) Dibenzo(a,h)anthracene	17.560	278	826612	41.213	ng		99
92) Benzo(g,h,i)perylene	18.042	276	830440	40.608	ng		98

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

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