Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
Data File : BF130730.D
Acq On : 20 Oct 2022 16:42
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 21 04:59:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 04:55:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/21/2022
Supervised By :Jagrut Upadhyay 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	82805	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	313421	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	175310	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	307084	20.000	ng	0.00
76) Chrysene-d12	13.704	240	187762	20.000	ng	0.00
86) Perylene-d12	15.080	264	154802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	413389	89.989	ng	0.00
7) Phenol-d6	6.222	99	467200	80.891	ng	0.00
23) Nitrobenzene-d5	7.139	82	461751	80.426	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	150049	87.472	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	943783	81.547	ng	0.00
79) Terphenyl-d14	12.657	244	990192	87.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.122	88	126364	45.468	ng	100
3) Pyridine	2.781	79	260384	52.377	ng	100
4) n-Nitrosodimethylamine	2.757	42	118755	50.700	ng	100
6) Aniline	6.234	93	284098	41.086	ng	100
8) 2-Chlorophenol	6.351	128	222111	41.114	ng	100
9) Benzaldehyde	6.122	77	128723	35.474	ng	100
10) Phenol	6.239	94	268871	40.233	ng	100
11) bis(2-Chloroethyl)ether	6.310	93	194003	39.965	ng	100
12) 1,3-Dichlorobenzene	6.504	146	244269	41.296	ng	100
13) 1,4-Dichlorobenzene	6.581	146	248815	41.464	ng	100
14) 1,2-Dichlorobenzene	6.734	146	230485	41.242	ng	100
15) Benzyl Alcohol	6.728	79	176973	42.678	ng	100
16) 2,2'-oxybis(1-Chloropr...	6.851	45	233191	37.339	ng	100
17) 2-Methylphenol	6.845	107	175409	40.818	ng	100
18) Hexachloroethane	7.069	117	89218	39.301	ng	100
19) n-Nitroso-di-n-propyla...	6.992	70	149288	40.063	ng	100
20) 3+4-Methylphenols	6.998	107	235219	40.848	ng	100
22) Acetophenone	6.987	105	301028	40.038	ng	100
24) Nitrobenzene	7.157	77	229677	39.779	ng	100
25) Isophorone	7.398	82	384866	40.277	ng	100
26) 2-Nitrophenol	7.475	139	120665	42.616	ng	100
27) 2,4-Dimethylphenol	7.522	122	164694	41.733	ng	100
28) bis(2-Chloroethoxy)met...	7.610	93	220100	39.780	ng	100
29) 2,4-Dichlorophenol	7.722	162	190422	43.128	ng	100
30) 1,2,4-Trichlorobenzene	7.792	180	199528	41.917	ng	100
31) Naphthalene	7.869	128	658570	40.592	ng	100
32) Benzoic acid	7.698	122	94081m	37.683	ng	
33) 4-Chloroaniline	7.934	127	261791	41.655	ng	100
34) Hexachlorobutadiene	7.981	225	124639	42.188	ng	100
35) Caprolactam	8.328	113	58282m	43.872	ng	
36) 4-Chloro-3-methylphenol	8.428	107	200590	41.883	ng	100
37) 2-Methylnaphthalene	8.557	142	433876	42.496	ng	100
38) 1-Methylnaphthalene	8.657	142	423535	42.732	ng	100
40) 1,2,4,5-Tetrachloroben...	8.722	216	194066	40.801	ng	100
41) Hexachlorocyclopentadiene	8.704	237	17218	12.676	ng	100
43) 2,4,6-Trichlorophenol	8.851	196	127281	39.855	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.898	196	141645	40.331	ng	100
46) 1,1'-Biphenyl	9.022	154	510718	40.198	ng	100
47) 2-Chloronaphthalene	9.045	162	425413	40.969	ng	100
48) 2-Nitroaniline	9.163	65	129302	41.366	ng	100
49) Acenaphthylene	9.457	152	635372	40.838	ng	100
50) Dimethylphthalate	9.333	163	501337	41.312	ng	100
51) 2,6-Dinitrotoluene	9.404	165	110903	41.662	ng	100
52) Acenaphthene	9.628	154	386874	41.042	ng	100
53) 3-Nitroaniline	9.575	138	122806	42.086	ng	100
54) 2,4-Dinitrophenol	9.698	184	37238	31.690	ng	100
55) Dibenzofuran	9.798	168	593112	41.303	ng	100
56) 4-Nitrophenol	9.769	139	30553	18.990	ng	100
57) 2,4-Dinitrotoluene	9.810	165	150060	43.862	ng	100
58) Fluorene	10.145	166	488641	41.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.928	232	115415	41.220	ng	100
60) Diethylphthalate	10.028	149	484287	39.997	ng	100
61) 4-Chlorophenyl-phenyle...	10.139	204	223166	41.812	ng	100
62) 4-Nitroaniline	10.192	138	116631	41.864	ng	100
63) Azobenzene	10.298	77	447419	39.233	ng	100
65) 4,6-Dinitro-2-methylph...	10.222	198	80495	41.945	ng	100
66) n-Nitrosodiphenylamine	10.263	169	414662	40.594	ng	100
67) 4-Bromophenyl-phenylether	10.622	248	149873	43.134	ng	100
68) Hexachlorobenzene	10.686	284	167882	42.742	ng	100
69) Atrazine	10.792	200	121686	43.748	ng	100
70) Pentachlorophenol	10.898	266	34338	22.462	ng	100
71) Phenanthrene	11.098	178	696350	40.929	ng	100
72) Anthracene	11.151	178	681834	41.034	ng	100
73) Carbazole	11.316	167	615405	41.506	ng	100
74) Di-n-butylphthalate	11.645	149	747166	41.601	ng	100
75) Fluoranthene	12.280	202	709138	43.368	ng	100
77) Benzidine	12.416	184	125396	26.422	ng	100
78) Pyrene	12.510	202	699115	43.160	ng	100
80) Butylbenzylphthalate	13.133	149	267367	42.925	ng	100
81) Benzo(a)anthracene	13.698	228	511515	40.431	ng	100
82) 3,3'-Dichlorobenzidine	13.663	252	145143	39.700	ng	100
83) Chrysene	13.733	228	486742	40.577	ng	100
84) Bis(2-ethylhexyl)phtha...	13.686	149	303532	40.196	ng	100
85) Di-n-octyl phthalate	14.298	149	386199	33.395	ng	100
87) Indeno(1,2,3-cd)pyrene	16.374	276	502312	43.354	ng	100
88) Benzo(b)fluoranthene	14.704	252	399830	40.789	ng	100
89) Benzo(k)fluoranthene	14.727	252	402289	40.305	ng	100
90) Benzo(a)pyrene	15.021	252	335306	41.100	ng	100
91) Dibenzo(a,h)anthracene	16.374	278	415146	43.712	ng	100
92) Benzo(g,h,i)perylene	16.756	276	422517	47.766	ng	100

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

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