Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
Data File : BF130803.D
Acq On : 27 Oct 2022 17:36
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

Quant Time: Oct 28 03:15:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 03:09:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	100435	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	368461	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	203303	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	384639	20.000	ng	0.00
76) Chrysene-d12	14.145	240	240531	20.000	ng	0.00
86) Perylene-d12	15.657	264	181348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	461471	79.694	ng	0.00
7) Phenol-d6	6.569	99	597132	82.416	ng	0.00
23) Nitrobenzene-d5	7.522	82	539066	74.744	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	150439	77.226	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1040233	74.508	ng	0.00
79) Terphenyl-d14	13.086	244	1079153	74.319	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	108466	40.786	ng	94
3) Pyridine	3.552	79	303222	43.709	ng	100
4) n-Nitrosodimethylamine	3.522	42	169038	44.801	ng	100
6) Aniline	6.622	93	381738	42.761	ng	100
8) 2-Chlorophenol	6.740	128	264187	40.051	ng	100
9) Benzaldehyde	6.510	77	175655	36.193	ng	100
10) Phenol	6.581	94	329118	38.762	ng	100
11) bis(2-Chloroethyl)ether	6.693	93	256965	41.958	ng	100
12) 1,3-Dichlorobenzene	6.898	146	297731	41.021	ng	100
13) 1,4-Dichlorobenzene	6.975	146	301944	40.795	ng	100
14) 1,2-Dichlorobenzene	7.128	146	279376	40.407	ng	100
15) Benzyl Alcohol	7.093	79	262281	45.658	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.228	45	460190	51.519	ng	100
17) 2-Methylphenol	7.192	107	226298	42.203	ng	100
18) Hexachloroethane	7.469	117	109768	37.624	ng	100
19) n-Nitroso-di-n-propyla...	7.369	70	203240	41.571	ng	100
20) 3+4-Methylphenols	7.351	107	295284	42.391	ng	100
22) Acetophenone	7.369	105	364763	40.492	ng	100
24) Nitrobenzene	7.540	77	288615	39.411	ng	100
25) Isophorone	7.781	82	521098	44.828	ng	100
26) 2-Nitrophenol	7.857	139	101628	33.853	ng	100
27) 2,4-Dimethylphenol	7.881	122	219429	47.471	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	289746	44.266	ng	100
29) 2,4-Dichlorophenol	8.087	162	227177	44.849	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	238815	43.608	ng	100
31) Naphthalene	8.263	128	791554	41.699	ng	100
32) Benzoic acid	7.987	122	137688m	38.519	ng	
33) 4-Chloroaniline	8.310	127	315477	43.697	ng	100
34) Hexachlorobutadiene	8.381	225	158209	45.203	ng	100
35) Caprolactam	8.681	113	72772	50.114	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	247492	44.081	ng	100
37) 2-Methylnaphthalene	8.957	142	494515	40.858	ng	100
38) 1-Methylnaphthalene	9.057	142	479855	41.271	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	234091	42.192	ng	100
41) Hexachlorocyclopentadiene	9.104	237	130991	44.098	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	170446	44.018	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	181388	43.410	ng	100
46) 1,1'-Biphenyl	9.422	154	592565	39.027	ng	100
47) 2-Chloronaphthalene	9.445	162	476302	38.779	ng	100
48) 2-Nitroaniline	9.539	65	146309	35.715	ng	100
49) Acenaphthylene	9.869	152	761496	41.350	ng	100
50) Dimethylphthalate	9.722	163	573160	40.814	ng	100
51) 2,6-Dinitrotoluene	9.781	165	107921	36.745	ng	100
52) Acenaphthene	10.039	154	467904	38.671	ng	100
53) 3-Nitroaniline	9.951	138	121905	37.250	ng	100
54) 2,4-Dinitrophenol	10.051	184	37898	28.153	ng	100
55) Dibenzofuran	10.210	168	672505	39.959	ng	100
56) 4-Nitrophenol	10.092	139	98889	41.487	ng	100
57) 2,4-Dinitrotoluene	10.186	165	134265	35.770	ng	100
58) Fluorene	10.551	166	526764	38.272	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	149463	45.699	ng	100
60) Diethylphthalate	10.422	149	568348	40.358	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	249413	41.308	ng	100
62) 4-Nitroaniline	10.569	138	125466	38.163	ng	100
63) Azobenzene	10.704	77	598514	41.274	ng	100
65) 4,6-Dinitro-2-methylph...	10.592	198	57828	27.008	ng	100
66) n-Nitrosodiphenylamine	10.663	169	489656	38.095	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	159658	37.627	ng	100
68) Hexachlorobenzene	11.098	284	172857	35.937	ng	100
69) Atrazine	11.186	200	146450	38.988	ng	100
70) Pentachlorophenol	11.286	266	105650	40.927	ng	100
71) Phenanthrene	11.522	178	806420	37.342	ng	100
72) Anthracene	11.575	178	796822	38.235	ng	100
73) Carbazole	11.722	167	712578	37.888	ng	100
74) Di-n-butylphthalate	12.051	149	867990	38.271	ng	100
75) Fluoranthene	12.710	202	851804	40.820	ng	100
77) Benzidine	12.827	184	241983	34.656	ng	100
78) Pyrene	12.939	202	857386	40.747	ng	100
80) Butylbenzylphthalate	13.557	149	317507	40.731	ng	100
81) Benzo(a)anthracene	14.133	228	655646	40.975	ng	100
82) 3,3'-Dichlorobenzidine	14.092	252	176994	40.635	ng	100
83) Chrysene	14.169	228	621454	40.903	ng	100
84) Bis(2-ethylhexyl)phtha...	14.116	149	370805	41.529	ng	100
85) Di-n-octyl phthalate	14.739	149	510753	37.400	ng	100
87) Indeno(1,2,3-cd)pyrene	17.215	276	530064	41.218	ng	100
88) Benzo(b)fluoranthene	15.210	252	466636	39.423	ng	100
89) Benzo(k)fluoranthene	15.239	252	470338	40.395	ng	100
90) Benzo(a)pyrene	15.592	252	393322	41.944	ng	100
91) Dibenzo(a,h)anthracene	17.239	278	437936	41.511	ng	100
92) Benzo(g,h,i)perylene	17.686	276	451927	42.525	ng	100

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

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