Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
Data File : BF131044.D
Acq On : 07 Nov 2022 15:09
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/08/2022
Supervised By :Jagrut Upadhyay 11/08/2022

Quant Time: Nov 08 01:47:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 01:40:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	80377	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	294915	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	173184	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	358212	20.000	ng	0.00
76) Chrysene-d12	14.092	240	194283	20.000	ng	0.00
86) Perylene-d12	15.586	264	144962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	410146	82.282	ng	0.00
7) Phenol-d6	6.528	99	511020	83.994	ng	0.00
23) Nitrobenzene-d5	7.469	82	489532	76.941	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	154738	81.155	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	843041	66.341	ng	0.00
79) Terphenyl-d14	13.027	244	924609	76.300	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	98777	41.682	ng	98
3) Pyridine	3.451	79	259765	39.434	ng	97
4) n-Nitrosodimethylamine	3.422	42	158631	42.825	ng	98
6) Aniline	6.569	93	294112	38.871	ng	100
8) 2-Chlorophenol	6.687	128	204037	36.796	ng	98
9) Benzaldehyde	6.457	77	137176	39.033	ng	98
10) Phenol	6.540	94	293868	41.219	ng	91
11) bis(2-Chloroethyl)ether	6.640	93	207929	40.206	ng	98
12) 1,3-Dichlorobenzene	6.839	146	227547	37.288	ng	99
13) 1,4-Dichlorobenzene	6.922	146	249036	39.187	ng	99
14) 1,2-Dichlorobenzene	7.075	146	221009	35.579	ng	97
15) Benzyl Alcohol	7.045	79	198362	37.326	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	362905	40.352	ng	99
17) 2-Methylphenol	7.151	107	174303	37.571	ng	97
18) Hexachloroethane	7.416	117	90603	37.632	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	157223	36.262	ng	99
20) 3+4-Methylphenols	7.304	107	220824	36.806	ng	97
22) Acetophenone	7.316	105	290243	36.966	ng	98
24) Nitrobenzene	7.492	77	249495	38.234	ng	95
25) Isophorone	7.728	82	403209	36.973	ng	98
26) 2-Nitrophenol	7.804	139	107824	38.799	ng	95
27) 2,4-Dimethylphenol	7.834	122	163755	38.136	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	228516	37.942	ng	100
29) 2,4-Dichlorophenol	8.045	162	176199	38.100	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	188191	37.320	ng	98
31) Naphthalene	8.210	128	616300	38.237	ng	100
32) Benzoic acid	7.963	122	120138m	41.071	ng	
33) 4-Chloroaniline	8.257	127	244546	38.799	ng	94
34) Hexachlorobutadiene	8.322	225	148158	45.005	ng	99
35) Caprolactam	8.639	113	62673	44.169	ng	97
36) 4-Chloro-3-methylphenol	8.739	107	196609	39.389	ng	99
37) 2-Methylnaphthalene	8.904	142	428501	41.788	ng	100
38) 1-Methylnaphthalene	9.004	142	383130	39.129	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	202208	36.223	ng	100
41) Hexachlorocyclopentadiene	9.051	237	101897	39.600	ng	97
43) 2,4,6-Trichlorophenol	9.181	196	133459	35.848	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	153763	36.832	ng	#	92
46) 1,1'-Biphenyl	9.369	154	461526	34.214	ng		99
47) 2-Chloronaphthalene	9.392	162	411754	37.651	ng		98
48) 2-Nitroaniline	9.492	65	168287	41.869	ng		94
49) Acenaphthylene	9.810	152	580971	34.570	ng		100
50) Dimethylphthalate	9.669	163	459853	34.358	ng		100
51) 2,6-Dinitrotoluene	9.733	165	101352	35.597	ng		95
52) Acenaphthene	9.986	154	347659	33.784	ng		99
53) 3-Nitroaniline	9.904	138	119185	38.784	ng		90
54) 2,4-Dinitrophenol	10.010	184	54067	37.712	ng		95
55) Dibenzofuran	10.157	168	559022	39.880	ng		98
56) 4-Nitrophenol	10.063	139	88626	40.861	ng		92
57) 2,4-Dinitrotoluene	10.139	165	134092	36.250	ng		99
58) Fluorene	10.498	166	453134	36.415	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	129706	38.138	ng		99
60) Diethylphthalate	10.369	149	501576	35.959	ng		100
61) 4-Chlorophenyl-phenyle...	10.492	204	231759	37.603	ng		96
62) 4-Nitroaniline	10.527	138	112911	35.844	ng		94
63) Azobenzene	10.651	77	466314	34.395	ng		97
65) 4,6-Dinitro-2-methylph...	10.545	198	76519	33.664	ng	#	70
66) n-Nitrosodiphenylamine	10.610	169	443617	35.047	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	145397	32.305	ng		95
68) Hexachlorobenzene	11.045	284	144376	29.573	ng		97
69) Atrazine	11.139	200	115575	32.099	ng		98
70) Pentachlorophenol	11.239	266	71147	33.589	ng		99
71) Phenanthrene	11.469	178	714612	35.417	ng		99
72) Anthracene	11.522	178	655685	33.108	ng		99
73) Carbazole	11.674	167	540416	31.894	ng		100
74) Di-n-butylphthalate	11.998	149	724703	31.931	ng		99
75) Fluoranthene	12.657	202	667875	31.184	ng		99
77) Benzidine	12.780	184	146891	28.030	ng		99
78) Pyrene	12.892	202	777798	43.958	ng		100
80) Butylbenzylphthalate	13.504	149	313984	45.043	ng		97
81) Benzo(a)anthracene	14.080	228	529964	37.568	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	134759	35.154	ng		99
83) Chrysene	14.115	228	486553	36.319	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	315949	39.563	ng		99
85) Di-n-octyl phthalate	14.680	149	499403	43.883	ng		100
87) Indeno(1,2,3-cd)pyrene	17.109	276	332725	28.811	ng		97
88) Benzo(b)fluoranthene	15.145	252	386844	36.722	ng		98
89) Benzo(k)fluoranthene	15.174	252	390837	38.080	ng		100
90) Benzo(a)pyrene	15.521	252	348748	41.641	ng		99
91) Dibenzo(a,h)anthracene	17.127	278	274107	28.912	ng		98
92) Benzo(g,h,i)perylene	17.574	276	275435	28.586	ng		95

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

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