Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
Data File : BF131280.D
Acq On : 17 Nov 2022 12:12
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 18 00:54:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 00:51:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	79528	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	286164	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	166764	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	308710	20.000	ng		0.00
76) Chrysene-d12	14.174	240	215549	20.000	ng		0.00
86) Perylene-d12	15.715	264	141341	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	88955	19.807	ng		-0.01
7) Phenol-d6	6.575	99	116077	20.406	ng		-0.01
23) Nitrobenzene-d5	7.528	82	86456	16.958	ng		-0.01
42) 2,4,6-Tribromophenol	10.810	330	25324	15.898	ng		-0.01
45) 2-Fluorobiphenyl	9.339	172	249644	21.907	ng		0.00
79) Terphenyl-d14	13.110	244	285537	22.749	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	21003	10.207	ng		99
3) Pyridine	3.540	79	56949m	9.792	ng		
4) n-Nitrosodimethylamine	3.487	42	34418	10.153	ng		97
6) Aniline	6.628	93	71363	10.002	ng		96
8) 2-Chlorophenol	6.745	128	48616	9.630	ng		98
9) Benzaldehyde	6.516	77	44136	10.696	ng		98
10) Phenol	6.587	94	62395	9.805	ng		96
11) bis(2-Chloroethyl)ether	6.698	93	51521	10.340	ng		99
12) 1,3-Dichlorobenzene	6.910	146	61664	10.796	ng		94
13) 1,4-Dichlorobenzene	6.987	146	62211	10.770	ng		97
14) 1,2-Dichlorobenzene	7.140	146	58321	10.924	ng		99
15) Benzyl Alcohol	7.104	79	47273	9.567	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	97908	10.432	ng		99
17) 2-Methylphenol	7.204	107	43993	10.207	ng		96
18) Hexachloroethane	7.487	117	20766	9.889	ng		94
19) n-Nitroso-di-n-propyla...	7.369	70	39564	9.981	ng		97
20) 3+4-Methylphenols	7.357	107	56691	10.169	ng		92
22) Acetophenone	7.375	105	79661	10.679	ng	#	98
24) Nitrobenzene	7.551	77	47632	8.654	ng		98
25) Isophorone	7.787	82	102982	10.111	ng		98
26) 2-Nitrophenol	7.869	139	11232	5.973	ng		99
27) 2,4-Dimethylphenol	7.898	122	39716	9.527	ng		99
28) bis(2-Chloroethoxy)met...	7.998	93	58111	10.120	ng		95
29) 2,4-Dichlorophenol	8.104	162	40093	8.893	ng		98
30) 1,2,4-Trichlorobenzene	8.198	180	55586	10.516	ng		94
31) Naphthalene	8.281	128	160965	10.382	ng		100
32) Benzoic acid	7.957	122	13952	5.333	ng		88
33) 4-Chloroaniline	8.322	127	62189	10.190	ng		98
34) Hexachlorobutadiene	8.398	225	36799	11.000	ng		97
35) Caprolactam	8.663	113	10692	8.025	ng	#	91
36) 4-Chloro-3-methylphenol	8.792	107	46070	9.708	ng		96
37) 2-Methylnaphthalene	8.975	142	109270	10.582	ng		99
38) 1-Methylnaphthalene	9.075	142	106957	10.682	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	56844	10.587	ng		99
41) Hexachlorocyclopentadiene	9.128	237	18140	6.592	ng		98
43) 2,4,6-Trichlorophenol	9.245	196	28348	8.075	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	33158	8.802	ng		97
46) 1,1'-Biphenyl	9.439	154	133983	10.451	ng		99
47) 2-Chloronaphthalene	9.463	162	106980	10.301	ng		97
48) 2-Nitroaniline	9.557	65	20777	7.248	ng		98
49) Acenaphthylene	9.886	152	166380	10.492	ng		99
50) Dimethylphthalate	9.734	163	123607	10.351	ng		100
51) 2,6-Dinitrotoluene	9.798	165	14196	6.822	ng	#	78
52) Acenaphthene	10.057	154	100013	10.103	ng		99
53) 3-Nitroaniline	9.969	138	17251	7.673	ng	#	96
54) 2,4-Dinitrophenol	10.069	184	3259	4.121	ng	#	16
55) Dibenzofuran	10.228	168	151075	10.652	ng		97
56) 4-Nitrophenol	10.110	139	10887	5.794	ng		90
57) 2,4-Dinitrotoluene	10.198	165	16729	6.773	ng		91
58) Fluorene	10.575	166	121058	10.847	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	26245	8.224	ng		98
60) Diethylphthalate	10.439	149	117038	10.368	ng		98
61) 4-Chlorophenyl-phenyle...	10.569	204	61100	11.072	ng		94
62) 4-Nitroaniline	10.581	138	18108	8.155	ng		93
63) Azobenzene	10.728	77	123612	10.459	ng		100
65) 4,6-Dinitro-2-methylph...	10.604	198	4855	4.037	ng	#	63
66) n-Nitrosodiphenylamine	10.681	169	101604	10.359	ng		99
67) 4-Bromophenyl-phenylether	11.063	248	36698	10.124	ng		91
68) Hexachlorobenzene	11.122	284	40289	10.256	ng		97
69) Atrazine	11.210	200	33255	10.344	ng		96
70) Pentachlorophenol	11.316	266	15363	6.701	ng		96
71) Phenanthrene	11.545	178	180214	10.578	ng		99
72) Anthracene	11.592	178	173777	10.441	ng		99
73) Carbazole	11.751	167	149360	10.026	ng		99
74) Di-n-butylphthalate	12.080	149	170436	9.830	ng		99
75) Fluoranthene	12.739	202	195709	10.416	ng		99
77) Benzidine	12.863	184	45798	9.915	ng		97
78) Pyrene	12.969	202	198420	10.679	ng		98
80) Butylbenzylphthalate	13.592	149	51073	8.111	ng		91
81) Benzo(a)anthracene	14.163	228	154512	10.314	ng		99
82) 3,3'-Dichlorobenzidine	14.127	252	36300	8.281	ng	#	95
83) Chrysene	14.204	228	148065	10.146	ng		99
84) Bis(2-ethylhexyl)phtha...	14.157	149	59806	7.552	ng		98
85) Di-n-octyl phthalate	14.780	149	64401	5.754	ng		98
87) Indeno(1,2,3-cd)pyrene	17.292	276	87622	9.384	ng		97
88) Benzo(b)fluoranthene	15.257	252	97213m	9.851	ng		
89) Benzo(k)fluoranthene	15.286	252	103251	10.554	ng		98
90) Benzo(a)pyrene	15.645	252	76192	9.659	ng		97
91) Dibenzo(a,h)anthracene	17.321	278	72835	9.508	ng		99
92) Benzo(g,h,i)perylene	17.768	276	74086	9.690	ng	#	97

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

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