Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
Data File : BF131310.D
Acq On : 21 Nov 2022 11:51
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 00:39:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:36:43 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/22/2022
Supervised By :Jagrut Upadhyay 11/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	111581	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	413953	20.000	ng		0.00
39) Acenaphthene-d10	10.021	164	247044	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	465137	20.000	ng		0.00
76) Chrysene-d12	14.174	240	361713	20.000	ng	#	0.00
86) Perylene-d12	15.715	264	274221	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	58366	9.574	ng		0.00
7) Phenol-d6	6.569	99	76894	9.950	ng		-0.02
23) Nitrobenzene-d5	7.528	82	80691	10.413	ng		-0.01
42) 2,4,6-Tribromophenol	10.810	330	15347	6.979	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	195303	11.291	ng		0.00
79) Terphenyl-d14	13.110	244	226991	9.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	14711	5.219	ng		98
3) Pyridine	3.545	79	40733	5.187	ng		96
4) n-Nitrosodimethylamine	3.487	42	23098	4.740	ng	#	92
6) Aniline	6.622	93	51458	5.320	ng		97
8) 2-Chlorophenol	6.739	128	34165	5.063	ng		97
9) Benzaldehyde	6.510	77	33202	5.918	ng		95
10) Phenol	6.581	94	41686	4.873	ng		94
11) bis(2-Chloroethyl)ether	6.692	93	38006	5.520	ng		100
12) 1,3-Dichlorobenzene	6.904	146	43907	5.469	ng		98
13) 1,4-Dichlorobenzene	6.981	146	45711	5.600	ng		99
14) 1,2-Dichlorobenzene	7.133	146	42513	5.595	ng		96
15) Benzyl Alcohol	7.098	79	27650	4.201	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.239	45	73087	5.607	ng		98
17) 2-Methylphenol	7.198	107	27626	4.683	ng		95
18) Hexachloroethane	7.480	117	14673	5.056	ng		91
19) n-Nitroso-di-n-propyla...	7.363	70	29697	5.343	ng	#	97
20) 3+4-Methylphenols	7.351	107	37023	4.914	ng	#	86
22) Acetophenone	7.369	105	57336	5.242	ng		99
24) Nitrobenzene	7.545	77	42965	5.478	ng		98
25) Isophorone	7.780	82	72087	4.872	ng		98
26) 2-Nitrophenol	7.863	139	8054	3.242	ng		98
27) 2,4-Dimethylphenol	7.892	122	26541	4.563	ng		91
28) bis(2-Chloroethoxy)met...	7.998	93	42706	5.168	ng		98
29) 2,4-Dichlorophenol	8.104	162	27066	4.345	ng		97
30) 1,2,4-Trichlorobenzene	8.192	180	40235	5.202	ng		98
31) Naphthalene	8.275	128	122000	5.435	ng		98
33) 4-Chloroaniline	8.322	127	46597	5.344	ng		94
34) Hexachlorobutadiene	8.392	225	25966	5.080	ng		97
35) Caprolactam	8.651	113	6312	3.639	ng		92
36) 4-Chloro-3-methylphenol	8.786	107	28023	4.174	ng		88
37) 2-Methylnaphthalene	8.969	142	82989	5.486	ng		100
38) 1-Methylnaphthalene	9.069	142	80363	5.482	ng		98
40) 1,2,4,5-Tetrachloroben...	9.133	216	43080	5.330	ng		97
41) Hexachlorocyclopentadiene	9.122	237	13773	3.939	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	17416	3.624	ng		92
44) 2,4,5-Trichlorophenol	9.274	196	20222	3.862	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.433	154	102803	5.389	ng		99
47) 2-Chloronaphthalene	9.457	162	80906	5.282	ng		99
48) 2-Nitroaniline	9.551	65	17752	4.193	ng		97
49) Acenaphthylene	9.880	152	125041	5.344	ng		98
50) Dimethylphthalate	9.727	163	84702	4.735	ng		99
51) 2,6-Dinitrotoluene	9.792	165	14902	5.071	ng		97
52) Acenaphthene	10.051	154	76960	5.272	ng		98
53) 3-Nitroaniline	9.963	138	15843	5.095	ng		94
55) Dibenzofuran	10.221	168	115782	5.469	ng		98
56) 4-Nitrophenol	10.104	139	9446	4.037	ng		91
57) 2,4-Dinitrotoluene	10.192	165	17495	4.924	ng	#	82
58) Fluorene	10.569	166	92095	5.478	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	16854	3.800	ng		98
60) Diethylphthalate	10.433	149	76602	4.488	ng		99
61) 4-Chlorophenyl-phenyle...	10.563	204	48032	5.636	ng		97
62) 4-Nitroaniline	10.574	138	16409	5.194	ng		98
63) Azobenzene	10.721	77	94430	5.327	ng		96
66) n-Nitrosodiphenylamine	10.674	169	77859	5.194	ng		99
67) 4-Bromophenyl-phenylether	11.057	248	29414	5.270	ng		94
68) Hexachlorobenzene	11.116	284	31960	5.278	ng		95
69) Atrazine	11.204	200	20231	4.231	ng		96
71) Phenanthrene	11.539	178	136856	5.321	ng		99
72) Anthracene	11.592	178	136222	5.416	ng		98
73) Carbazole	11.745	167	114200	5.401	ng		97
74) Di-n-butylphthalate	12.074	149	105340	4.126	ng		99
75) Fluoranthene	12.733	202	150026	5.621	ng		99
77) Benzidine	12.857	184	39848	4.870	ng		95
78) Pyrene	12.962	202	152584	4.384	ng		99
80) Butylbenzylphthalate	13.586	149	27359	2.599	ng		93
81) Benzo(a)anthracene	14.162	228	128320	5.032	ng		98
82) 3,3'-Dichlorobenzidine	14.127	252	28874	4.265	ng	#	98
83) Chrysene	14.198	228	128669	5.276	ng		99
84) Bis(2-ethylhexyl)phtha...	14.151	149	39771	3.245	ng		98
87) Indeno(1,2,3-cd)pyrene	17.286	276	72736	3.497	ng		98
88) Benzo(b)fluoranthene	15.251	252	91709m	4.969	ng		
89) Benzo(k)fluoranthene	15.286	252	96921	5.138	ng		97
90) Benzo(a)pyrene	15.645	252	71253	4.702	ng	#	94
91) Dibenzo(a,h)anthracene	17.309	278	58682	3.429	ng	#	91
92) Benzo(g,h,i)perylene	17.762	276	58194	3.363	ng		98

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

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