Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101323\
Data File : BF135748.D
Acq On : 13 Oct 2023 12:23
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 13 16:59:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 16:43:54 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	127913	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	544663	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	294059	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	579183	20.000	ng		0.00
76) Chrysene-d12	13.939	240	417593	20.000	ng		0.00
86) Perylene-d12	15.415	264	438591	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	80574	10.127	ng		0.01
7) Phenol-d6	6.398	99	110534	11.135	ng		0.00
23) Nitrobenzene-d5	7.304	82	101550	10.254	ng		-0.01
42) 2,4,6-Tribromophenol	10.575	330	29622	10.498	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	221897	11.798	ng		0.00
79) Terphenyl-d14	12.869	244	257452	11.417	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	18935	4.934	ng		96
3) Pyridine	3.257	79	43152m	4.564	ng		
4) n-Nitrosodimethylamine	3.187	42	22914	4.525	ng	#	97
6) Aniline	6.410	93	68032	5.446	ng		99
8) 2-Chlorophenol	6.534	128	45567	5.311	ng		96
9) Benzaldehyde	6.304	77	35081	6.209	ng		97
10) Phenol	6.410	94	54530	5.242	ng	#	60
11) bis(2-Chloroethyl)ether	6.481	93	43225	5.157	ng		94
12) 1,3-Dichlorobenzene	6.681	146	47427	5.453	ng		95
13) 1,4-Dichlorobenzene	6.757	146	47938	5.441	ng		97
14) 1,2-Dichlorobenzene	6.910	146	43919	5.536	ng		99
15) Benzyl Alcohol	6.898	79	34380	5.209	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	83557	5.512	ng		73
17) 2-Methylphenol	7.010	107	39828	5.362	ng	#	91
18) Hexachloroethane	7.239	117	17334	5.426	ng		92
19) n-Nitroso-di-n-propyla...	7.151	70	35064	5.713	ng		97
20) 3+4-Methylphenols	7.175	107	52433	5.663	ng		91
22) Acetophenone	7.157	105	69535	5.567	ng	#	95
24) Nitrobenzene	7.328	77	49723	5.003	ng		97
25) Isophorone	7.563	82	96780	5.180	ng		99
26) 2-Nitrophenol	7.651	139	23178	4.779	ng		95
27) 2,4-Dimethylphenol	7.692	122	39730	4.976	ng		93
28) bis(2-Chloroethoxy)met...	7.775	93	57302	5.150	ng		98
29) 2,4-Dichlorophenol	7.904	162	37104	4.959	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	40880	5.341	ng		99
31) Naphthalene	8.039	128	144481	5.438	ng		99
32) Benzoic acid	7.810	122	18974m	3.519	ng		
33) 4-Chloroaniline	8.110	127	61095	5.265	ng		96
34) Hexachlorobutadiene	8.151	225	24153	5.332	ng		97
35) Caprolactam	8.451	113	12417	4.849	ng		94
36) 4-Chloro-3-methylphenol	8.598	107	41709	5.026	ng		96
37) 2-Methylnaphthalene	8.733	142	96725	5.526	ng		98
38) 1-Methylnaphthalene	8.834	142	87348	5.411	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	43948	5.196	ng		97
43) 2,4,6-Trichlorophenol	9.028	196	27953	5.128	ng		95
44) 2,4,5-Trichlorophenol	9.081	196	32372	5.106	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.198	154	122855	5.454	ng		100
47) 2-Chloronaphthalene	9.228	162	84006	5.175	ng		94
48) 2-Nitroaniline	9.339	65	31410	4.902	ng		99
49) Acenaphthylene	9.639	152	148436	5.525	ng		100
50) Dimethylphthalate	9.498	163	106034	5.342	ng		99
51) 2,6-Dinitrotoluene	9.575	165	21584	5.056	ng		97
52) Acenaphthene	9.810	154	84541	5.250	ng		98
53) 3-Nitroaniline	9.751	138	26055	4.979	ng		95
55) Dibenzofuran	9.986	168	135285	5.568	ng		98
57) 2,4-Dinitrotoluene	9.992	165	27880	5.134	ng	#	80
58) Fluorene	10.328	166	108045	5.680	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.122	232	23765m	4.960	ng		
60) Diethylphthalate	10.204	149	109457	5.401	ng		100
61) 4-Chlorophenyl-phenyle...	10.322	204	52863	5.750	ng		90
62) 4-Nitroaniline	10.369	138	22890	4.754	ng		99
63) Azobenzene	10.480	77	100947	5.127	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	9336	3.203	ng	#	69
66) n-Nitrosodiphenylamine	10.439	169	94117	5.331	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	30597	5.263	ng		96
68) Hexachlorobenzene	10.880	284	31761	5.366	ng		96
69) Atrazine	10.975	200	26340	5.486	ng		98
70) Pentachlorophenol	11.098	266	8299m	3.605	ng		
71) Phenanthrene	11.298	178	155169	5.593	ng		98
72) Anthracene	11.351	178	157115	5.465	ng		100
73) Carbazole	11.516	167	145383	5.422	ng		100
74) Di-n-butylphthalate	11.839	149	178193	5.413	ng		99
75) Fluoranthene	12.498	202	170078	5.523	ng		99
77) Benzidine	12.627	184	67436	7.401	ng		96
78) Pyrene	12.727	202	177724	5.356	ng		99
80) Butylbenzylphthalate	13.345	149	74536	5.111	ng		99
81) Benzo(a)anthracene	13.927	228	141839	5.171	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	48709	5.354	ng		97
83) Chrysene	13.963	228	140953	5.306	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	104015	5.263	ng		99
85) Di-n-octyl phthalate	14.527	149	166754	5.321	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	113338	4.743	ng		98
88) Benzo(b)fluoranthene	14.986	252	119651	4.874	ng		99
89) Benzo(k)fluoranthene	15.015	252	126126	5.293	ng		98
90) Benzo(a)pyrene	15.357	252	119041	5.157	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	93611	4.778	ng		98
92) Benzo(g,h,i)perylene	17.380	276	91976	4.571	ng		93

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

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