Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
Data File : BF136169.D
Acq On : 07 Nov 2023 11:01
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 01:53:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 01:48:57 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	95400	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	401501	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	210227	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	385996	20.000	ng		0.00
76) Chrysene-d12	14.004	240	203358	20.000	ng		0.00
86) Perylene-d12	15.492	264	185885	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	60700	10.131	ng		-0.01
7) Phenol-d6	6.439	99	76741	10.409	ng		-0.02
23) Nitrobenzene-d5	7.375	82	70759	9.835	ng		-0.01
42) 2,4,6-Tribromophenol	10.645	330	21462	9.748	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	153318	10.780	ng		0.00
79) Terphenyl-d14	12.945	244	147987	10.330	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	11231	4.681	ng		92
3) Pyridine	3.328	79	31746	4.924	ng		92
4) n-Nitrosodimethylamine	3.269	42	14082	4.762	ng		93
6) Aniline	6.475	93	47941	5.130	ng		98
8) 2-Chlorophenol	6.598	128	33676	5.221	ng		96
9) Benzaldehyde	6.369	77	24676	5.789	ng		96
10) Phenol	6.451	94	41013m	5.459	ng		
11) bis(2-Chloroethyl)ether	6.551	93	31206	5.273	ng		97
12) 1,3-Dichlorobenzene	6.757	146	35069	5.154	ng		99
13) 1,4-Dichlorobenzene	6.833	146	35164	5.154	ng		97
14) 1,2-Dichlorobenzene	6.986	146	34244	5.340	ng		99
15) Benzyl Alcohol	6.951	79	27863	5.053	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	40756	5.272	ng		97
17) 2-Methylphenol	7.063	107	28175	5.236	ng		99
18) Hexachloroethane	7.328	117	12711	5.106	ng		95
19) n-Nitroso-di-n-propyla...	7.222	70	22110	5.195	ng	#	96
20) 3+4-Methylphenols	7.216	107	37341	5.560	ng		96
22) Acetophenone	7.222	105	48656	5.249	ng		97
24) Nitrobenzene	7.392	77	34273	4.895	ng		94
25) Isophorone	7.633	82	60535	4.875	ng		98
26) 2-Nitrophenol	7.710	139	14529	4.281	ng		99
27) 2,4-Dimethylphenol	7.745	122	26940	4.726	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	36783	4.912	ng		96
29) 2,4-Dichlorophenol	7.951	162	26476	4.763	ng		97
30) 1,2,4-Trichlorobenzene	8.039	180	30983	5.006	ng		97
31) Naphthalene	8.116	128	100862	5.100	ng		99
33) 4-Chloroaniline	8.169	127	39845	4.857	ng		99
34) Hexachlorobutadiene	8.239	225	19094	5.075	ng		96
35) Caprolactam	8.498	113	7570	4.704	ng		95
36) 4-Chloro-3-methylphenol	8.645	107	27745	4.754	ng		95
37) 2-Methylnaphthalene	8.810	142	67980	5.126	ng		97
38) 1-Methylnaphthalene	8.910	142	62918	5.114	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	31950	5.071	ng		96
41) Hexachlorocyclopentadiene	8.963	237	12295	3.784	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	18951	4.804	ng		97
44) 2,4,5-Trichlorophenol	9.122	196	22657	4.985	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.275	154	85821	5.202	ng		97
47) 2-Chloronaphthalene	9.298	162	60246	4.996	ng		100
48) 2-Nitroaniline	9.392	65	17025	4.631	ng		84
49) Acenaphthylene	9.716	152	94037	5.053	ng		98
50) Dimethylphthalate	9.575	163	71820	5.056	ng		98
51) 2,6-Dinitrotoluene	9.639	165	14244	4.621	ng		90
52) Acenaphthene	9.886	154	59867	5.129	ng		98
53) 3-Nitroaniline	9.804	138	15026	4.572	ng	#	86
55) Dibenzofuran	10.063	168	88071	5.110	ng		99
56) 4-Nitrophenol	9.957	139	8364	3.830	ng		98
57) 2,4-Dinitrotoluene	10.039	165	17679	4.516	ng	#	87
58) Fluorene	10.404	166	67700	5.175	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.174	232	16050	4.470	ng		92
60) Diethylphthalate	10.280	149	80328	5.637	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	35283	5.306	ng		90
62) 4-Nitroaniline	10.410	138	13838	4.620	ng		90
63) Azobenzene	10.557	77	62181	4.987	ng		95
66) n-Nitrosodiphenylamine	10.516	169	59222	4.836	ng		98
67) 4-Bromophenyl-phenylether	10.892	248	20355	4.735	ng		95
68) Hexachlorobenzene	10.951	284	21910	4.801	ng		97
69) Atrazine	11.045	200	17279	5.570	ng		95
70) Pentachlorophenol	11.151	266	9783	3.832	ng		97
71) Phenanthrene	11.374	178	99848	5.051	ng		96
72) Anthracene	11.421	178	100687	4.990	ng		98
73) Carbazole	11.580	167	79731	4.932	ng		100
74) Di-n-butylphthalate	11.921	149	95520	4.994	ng		98
75) Fluoranthene	12.568	202	92955	5.150	ng		98
78) Pyrene	12.798	202	94851	4.988	ng		100
80) Butylbenzylphthalate	13.433	149	27377	4.518	ng		97
81) Benzo(a)anthracene	13.992	228	64269	4.765	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	18342	4.236	ng		98
83) Chrysene	14.027	228	63672	4.825	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	34031	4.653	ng		96
87) Indeno(1,2,3-cd)pyrene	16.998	276	58618	4.304	ng		100
88) Benzo(b)fluoranthene	15.051	252	49281	4.802	ng		98
89) Benzo(k)fluoranthene	15.080	252	49882	4.827	ng		97
90) Benzo(a)pyrene	15.427	252	44759	4.422	ng		96
91) Dibenzo(a,h)anthracene	17.021	278	49412	4.378	ng		97
92) Benzo(g,h,i)perylene	17.450	276	49585	4.333	ng		93

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

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