Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136648.D
Acq On : 20 Dec 2023 14:58
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 20 17:15:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:02:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	74076	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	283483	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	147564	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	274873	20.000	ng		0.00
76) Chrysene-d12	13.974	240	131976	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	134965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	685916	144.477	ng		0.00
7) Phenol-d6	6.451	99	892017	145.003	ng		0.01
23) Nitrobenzene-d5	7.369	82	847961	153.064	ng		0.01
42) 2,4,6-Tribromophenol	10.628	330	249182	143.382	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1512847	137.890	ng		0.00
79) Terphenyl-d14	12.916	244	1412870	149.606	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	147801	74.717	ng		98
3) Pyridine	3.322	79	363408	75.296	ng		99
4) n-Nitrosodimethylamine	3.310	42	200625	77.840	ng		95
6) Aniline	6.475	93	437951	71.206	ng		99
8) 2-Chlorophenol	6.593	128	376608	72.488	ng		95
9) Benzaldehyde	6.351	77	222393	63.557	ng		97
10) Phenol	6.463	94	476242	72.520	ng		95
11) bis(2-Chloroethyl)ether	6.546	93	368368	73.760	ng		98
12) 1,3-Dichlorobenzene	6.740	146	419107	73.947	ng		98
13) 1,4-Dichlorobenzene	6.816	146	418791	72.316	ng		99
14) 1,2-Dichlorobenzene	6.969	146	380339	70.581	ng		99
15) Benzyl Alcohol	6.946	79	302119	72.796	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	593120	72.641	ng		98
17) 2-Methylphenol	7.063	107	315688	73.346	ng		94
18) Hexachloroethane	7.304	117	152969	72.733	ng		94
19) n-Nitroso-di-n-propyla...	7.228	70	273468	73.333	ng		96
20) 3+4-Methylphenols	7.216	107	378255	70.345	ng	#	89
22) Acetophenone	7.216	105	528419	74.368	ng		98
24) Nitrobenzene	7.387	77	422165	76.072	ng		100
25) Isophorone	7.622	82	779622	77.340	ng		100
26) 2-Nitrophenol	7.698	139	210215	79.173	ng		98
27) 2,4-Dimethylphenol	7.740	122	247984	76.716	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	471589	76.964	ng		99
29) 2,4-Dichlorophenol	7.940	162	313150	75.248	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	347836	75.017	ng		99
31) Naphthalene	8.098	128	1152862	74.026	ng		100
32) Benzoic acid	7.904	122	274242m	88.343	ng		
33) 4-Chloroaniline	8.151	127	432481	75.212	ng		99
34) Hexachlorobutadiene	8.210	225	210735	74.805	ng		98
35) Caprolactam	8.557	113	104274m	75.933	ng		
36) 4-Chloro-3-methylphenol	8.645	107	352811	75.307	ng		98
37) 2-Methylnaphthalene	8.787	142	732548	73.088	ng		100
38) 1-Methylnaphthalene	8.887	142	720230	73.244	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	338883	74.154	ng		98
41) Hexachlorocyclopentadiene	8.934	237	116075	79.682	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	223920	76.402	ng		99

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44) 2,4,5-Trichlorophenol	9.116	196	247645	75.826	ng		96
46) 1,1'-Biphenyl	9.257	154	892683	72.090	ng		100
47) 2-Chloronaphthalene	9.281	162	687272	73.008	ng		99
48) 2-Nitroaniline	9.381	65	226673	76.894	ng		98
49) Acenaphthylene	9.698	152	1032711	71.773	ng		100
50) Dimethylphthalate	9.569	163	799841	74.208	ng		100
51) 2,6-Dinitrotoluene	9.628	165	181191	74.071	ng	#	84
52) Acenaphthene	9.869	154	645277	72.347	ng		100
53) 3-Nitroaniline	9.798	138	189605	73.171	ng		99
54) 2,4-Dinitrophenol	9.904	184	107946	79.640	ng		91
55) Dibenzofuran	10.039	168	936777	69.286	ng		100
56) 4-Nitrophenol	9.969	139	138047	78.917	ng		99
57) 2,4-Dinitrotoluene	10.034	165	224601	70.727	ng		91
58) Fluorene	10.386	166	745302	69.473	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	183544	72.498	ng		99
60) Diethylphthalate	10.263	149	798569	71.407	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	355936	68.259	ng		100
62) 4-Nitroaniline	10.422	138	178596m	69.770	ng		
63) Azobenzene	10.539	77	760367	72.796	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	136988	86.960	ng		99
66) n-Nitrosodiphenylamine	10.504	169	660984	74.026	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	226193	74.097	ng		98
68) Hexachlorobenzene	10.933	284	253812	74.609	ng		98
70) Pentachlorophenol	11.128	266	129696	81.792	ng		100
71) Phenanthrene	11.351	178	1011675	71.730	ng		99
72) Anthracene	11.404	178	1020780	71.466	ng		100
73) Carbazole	11.557	167	957674	71.114	ng		99
74) Di-n-butylphthalate	11.892	149	1167474	71.046	ng		99
75) Fluoranthene	12.539	202	1021009	67.678	ng		97
77) Benzidine	12.663	184	242957	62.434	ng		97
78) Pyrene	12.769	202	1025577	79.161	ng		100
80) Butylbenzylphthalate	13.392	149	375905	79.739	ng		96
81) Benzo(a)anthracene	13.963	228	685047	74.752	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	198108	76.120	ng		97
83) Chrysene	14.004	228	676108	75.444	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	470720	79.362	ng	#	97
85) Di-n-octyl phthalate	14.574	149	770778	84.010	ng		99
87) Indeno(1,2,3-cd)pyrene	16.957	276	812502	83.379	ng		99
88) Benzo(b)fluoranthene	15.021	252	657365	72.924	ng		100
89) Benzo(k)fluoranthene	15.051	252	617441	72.512	ng		99
90) Benzo(a)pyrene	15.392	252	583713	76.712	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	651056	81.438	ng		98
92) Benzo(g,h,i)perylene	17.427	276	684767	83.630	ng		99

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

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