Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
Data File : BF137578.D
Acq On : 13 Mar 2024 15:49
Operator : CG\JU
Sample : P1733-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 16:17:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

03/14/2024
Supervised By :mohammad ahmed

03/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	207106	20.000	ng		0.01
21) Naphthalene-d8	8.187	136	829251	20.000	ng		0.01
39) Acenaphthene-d10	9.945	164	459633	20.000	ng		0.01
64) Phenanthrene-d10	11.439	188	740051	20.000	ng		0.00
76) Chrysene-d12	14.110	240	418854	20.000	ng		0.01
86) Perylene-d12	15.663	264	479650	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	1121967	82.048	ng		0.02
7) Phenol-d6	6.569	99	1567159	79.395	ng		0.01
23) Nitrobenzene-d5	7.475	82	972217	54.475	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	338632	83.895	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1563230	53.239	ng		0.00
79) Terphenyl-d14	13.039	244	1469446	48.242	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	288478	38.582	ng		99
3) Pyridine	3.669	79	700091	38.823	ng		99
4) n-Nitrosodimethylamine	3.657	42	313366	43.303	ng		93
6) Aniline	6.593	93	587817	24.372	ng		99
8) 2-Chlorophenol	6.704	128	674834	46.789	ng		94
9) Benzaldehyde	6.481	77	224829	23.249	ng		95
10) Phenol	6.581	94	934808	44.000	ng		99
11) bis(2-Chloroethyl)ether	6.663	93	704172	45.230	ng		98
12) 1,3-Dichlorobenzene	6.857	146	700187	45.431	ng		98
13) 1,4-Dichlorobenzene	6.934	146	712176	45.163	ng		98
14) 1,2-Dichlorobenzene	7.081	146	673790	46.553	ng		98
15) Benzyl Alcohol	7.063	79	627594	51.072	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1084759	40.535	ng		97
17) 2-Methylphenol	7.175	107	556352	41.223	ng		98
18) Hexachloroethane	7.416	117	247317	47.632	ng		92
19) n-Nitroso-di-n-propyla...	7.334	70	501727	41.162	ng		97
20) 3+4-Methylphenols	7.328	107	648155	41.933	ng		94
22) Acetophenone	7.322	105	871792	43.451	ng	#	98
24) Nitrobenzene	7.498	77	771334	43.023	ng		94
25) Isophorone	7.734	82	1473021	43.444	ng		98
26) 2-Nitrophenol	7.810	139	360492	50.646	ng		93
27) 2,4-Dimethylphenol	7.845	122	489560	36.809	ng		99
28) bis(2-Chloroethoxy)met...	7.945	93	882892	44.380	ng		99
29) 2,4-Dichlorophenol	8.051	162	565077	46.294	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	580538	45.195	ng		99
31) Naphthalene	8.210	128	1879377	42.240	ng		100
32) Benzoic acid	7.992	122	335776	44.386	ng		94
33) 4-Chloroaniline	8.263	127	144243	8.268	ng		96
34) Hexachlorobutadiene	8.322	225	338675	44.659	ng		98
35) Caprolactam	8.639	113	199892m	48.295	ng		
36) 4-Chloro-3-methylphenol	8.751	107	624347	45.760	ng		99
37) 2-Methylnaphthalene	8.898	142	1185303	41.790	ng		99
38) 1-Methylnaphthalene	8.998	142	1099820	41.175	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	584317	45.537	ng		99
41) Hexachlorocyclopentadiene	9.051	237	424533	80.960	ng		98
43) 2,4,6-Trichlorophenol	9.181	196	392690	46.994	ng		100

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44) 2,4,5-Trichlorophenol	9.228	196	419890	43.621	ng		98
46) 1,1'-Biphenyl	9.369	154	1455735	43.273	ng		99
47) 2-Chloronaphthalene	9.392	162	1105798	43.113	ng		99
48) 2-Nitroaniline	9.492	65	402123	46.127	ng		95
49) Acenaphthylene	9.810	152	1810193	44.101	ng		100
50) Dimethylphthalate	9.675	163	1423527	44.491	ng		99
51) 2,6-Dinitrotoluene	9.739	165	307188	45.902	ng		91
52) Acenaphthene	9.981	154	1004267	40.982	ng		99
53) 3-Nitroaniline	9.904	138	175312	24.766	ng		99
54) 2,4-Dinitrophenol	10.016	184	274119	83.570	ng		95
55) Dibenzofuran	10.157	168	1533370	41.084	ng		98
56) 4-Nitrophenol	10.081	139	434911	85.999	ng		98
57) 2,4-Dinitrotoluene	10.145	165	374933	45.602	ng		92
58) Fluorene	10.498	166	1155626	40.317	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	332437	43.067	ng		93
60) Diethylphthalate	10.381	149	1314430	43.503	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	569994	40.575	ng		96
62) 4-Nitroaniline	10.533	138	268251	44.091	ng		92
63) Azobenzene	10.657	77	1464395	42.090	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	209406	50.769	ng		82
66) n-Nitrosodiphenylamine	10.616	169	1078970	45.277	ng		99
67) 4-Bromophenyl-phenylether	10.986	248	375852	46.629	ng		98
68) Hexachlorobenzene	11.045	284	396855	48.746	ng		95
69) Atrazine	11.151	200	350551	48.389	ng		97
70) Pentachlorophenol	11.245	266	412000	83.714	ng		99
71) Phenanthrene	11.469	178	1733241	43.035	ng		99
72) Anthracene	11.522	178	1755623	42.442	ng		99
73) Carbazole	11.680	167	1509213	42.595	ng		99
74) Di-n-butylphthalate	12.016	149	1935819	45.921	ng		99
75) Fluoranthene	12.663	202	1607308	40.828	ng		99
77) Benzidine	12.798	184	589333	57.494	ng		97
78) Pyrene	12.892	202	1628783	39.631	ng		100
80) Butylbenzylphthalate	13.527	149	630837	60.102	ng		99
81) Benzo(a)anthracene	14.098	228	1315709	44.817	ng		98
82) 3,3'-Dichlorobenzidine	14.063	252	362011	46.306	ng		99
83) Chrysene	14.133	228	1329763	44.817	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	869239	65.156	ng	#	97
85) Di-n-octyl phthalate	14.727	149	1621795	61.316	ng		96
87) Indeno(1,2,3-cd)pyrene	17.315	276	1289245	40.845	ng		99
88) Benzo(b)fluoranthene	15.198	252	1398250	49.281	ng		99
89) Benzo(k)fluoranthene	15.233	252	1262116	41.414	ng		99
90) Benzo(a)pyrene	15.598	252	1267602	45.336	ng		99
91) Dibenzo(a,h)anthracene	17.345	278	1037268	40.510	ng		98
92) Benzo(g,h,i)perylene	17.815	276	953478	36.259	ng		98

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

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