Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139409.D
Acq On : 17 Sep 2024 18:33
Operator : RC/JU
Sample : P4002-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 18 00:47:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

09/18/2024

Supervised By :mohammad ahmed

09/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	57932	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	206093	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	95833	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	142428	20.000	ng		0.00
76) Chrysene-d12	14.033	240	90734	20.000	ng		0.00
86) Perylene-d12	15.504	264	64580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	431762	121.583	ng		0.01
7) Phenol-d6	6.510	99	563893	120.977	ng		0.00
23) Nitrobenzene-d5	7.445	82	380908	86.888	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	109458	107.285	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	629015	92.057	ng		0.00
79) Terphenyl-d14	12.980	244	462561	83.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	58672	41.181	ng		98
3) Pyridine	3.481	79	150513	47.915	ng		95
4) n-Nitrosodimethylamine	3.440	42	128081	47.042	ng		98
6) Aniline	6.540	93	96244	27.361	ng	#	50
8) 2-Chlorophenol	6.663	128	182299	49.870	ng		99
9) Benzaldehyde	6.428	77	40208	14.930	ng		99
10) Phenol	6.528	94	236374	49.791	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	177100	49.082	ng		100
12) 1,3-Dichlorobenzene	6.822	146	199247	47.927	ng		99
13) 1,4-Dichlorobenzene	6.898	146	201053	47.857	ng		99
14) 1,2-Dichlorobenzene	7.051	146	187082	47.128	ng		99
15) Benzyl Alcohol	7.022	79	183511	49.347	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	314969	56.641	ng		96
17) 2-Methylphenol	7.134	107	145359	50.049	ng		98
18) Hexachloroethane	7.393	117	74903	46.810	ng		99
19) n-Nitroso-di-n-propyla...	7.293	70	145877	52.813	ng		99
20) 3+4-Methylphenols	7.287	107	192926	48.689	ng	#	87
22) Acetophenone	7.287	105	269827	50.080	ng		98
24) Nitrobenzene	7.463	77	215971	47.866	ng		99
25) Isophorone	7.698	82	371122	53.528	ng		99
26) 2-Nitrophenol	7.781	139	93062	52.941	ng		96
27) 2,4-Dimethylphenol	7.816	122	146176	63.041	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	214011	54.161	ng		98
29) 2,4-Dichlorophenol	8.022	162	145094	49.256	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	162250	47.273	ng		99
31) Naphthalene	8.187	128	534954	49.720	ng		100
32) Benzoic acid	7.928	122	94476	43.538	ng		95
33) 4-Chloroaniline	8.234	127	32434	9.854	ng		98
34) Hexachlorobutadiene	8.298	225	113014	48.466	ng		100
35) Caprolactam	8.598	113	40324m	44.501	ng		
36) 4-Chloro-3-methylphenol	8.716	107	153385	45.562	ng		97
37) 2-Methylnaphthalene	8.875	142	328218	48.061	ng		99
38) 1-Methylnaphthalene	8.975	142	301074	44.905	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	157374	55.410	ng		99
41) Hexachlorocyclopentadiene	9.022	237	81110	81.791	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	100940	54.627	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	95438	48.964	ng		97
46) 1,1'-Biphenyl	9.339	154	399219	54.148	ng		99
47) 2-Chloronaphthalene	9.363	162	287810	52.210	ng		100
48) 2-Nitroaniline	9.457	65	103247	50.355	ng		98
49) Acenaphthylene	9.775	152	441130	53.161	ng		100
50) Dimethylphthalate	9.634	163	349774	55.608	ng		100
51) 2,6-Dinitrotoluene	9.698	165	69375	49.788	ng		98
52) Acenaphthene	9.951	154	297818	51.424	ng		100
53) 3-Nitroaniline	9.863	138	38353	27.541	ng		97
54) 2,4-Dinitrophenol	9.969	184	44579	57.415	ng		97
55) Dibenzofuran	10.122	168	394420	48.862	ng		98
56) 4-Nitrophenol	10.028	139	96926	84.117	ng		89
57) 2,4-Dinitrotoluene	10.098	165	87480	46.502	ng		99
58) Fluorene	10.463	166	298658	45.346	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	74159	45.994	ng		97
60) Diethylphthalate	10.334	149	335902	51.749	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	153469	47.947	ng		99
62) 4-Nitroaniline	10.475	138	54929	36.142	ng		94
63) Azobenzene	10.616	77	326802	51.189	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	28427	37.816	ng		98
66) n-Nitrosodiphenylamine	10.575	169	249257	59.858	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	80563	57.079	ng		100
68) Hexachlorobenzene	11.004	284	86339	52.122	ng		96
69) Atrazine	11.098	200	76705	77.375	ng		98
70) Pentachlorophenol	11.204	266	102240	102.861	ng		99
71) Phenanthrene	11.422	178	405241	58.974	ng		100
72) Anthracene	11.475	178	375273	55.857	ng		99
73) Carbazole	11.628	167	334979	52.094	ng		99
74) Di-n-butylphthalate	11.957	149	417201	58.243	ng		100
75) Fluoranthene	12.610	202	469806	64.022	ng		99
77) Benzidine	12.733	184	108639	83.572	ng		99
78) Pyrene	12.839	202	486862	62.492	ng		100
80) Butylbenzylphthalate	13.457	149	167379	63.119	ng		98
81) Benzo(a)anthracene	14.022	228	363834	60.536	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	64902	36.874	ng		97
83) Chrysene	14.063	228	310378	56.132	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	222565	65.976	ng		98
85) Di-n-octyl phthalate	14.621	149	319120	64.234	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	203778	53.066	ng		99
88) Benzo(b)fluoranthene	15.074	252	244927	61.495	ng		98
89) Benzo(k)fluoranthene	15.104	252	216199	58.873	ng		100
90) Benzo(a)pyrene	15.439	252	202854	61.411	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	153622	48.413	ng		100
92) Benzo(g,h,i)perylene	17.421	276	154564	49.195	ng		98

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

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