Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139722.D
Acq On : 09 Oct 2024 15:05
Operator : RC/JU
Sample : P4340-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-3MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

Quant Time: Oct 09 16:00:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	84991	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	327420	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	180062	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	333201	20.000	ng		0.00
76) Chrysene-d12	14.033	240	167716	20.000	ng		0.00
86) Perylene-d12	15.498	264	175394	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	539317	109.984	ng		0.00
7) Phenol-d6	6.504	99	718691	108.987	ng		0.00
23) Nitrobenzene-d5	7.433	82	471350	72.887	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	182123	104.776	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	841963	71.785	ng		0.00
79) Terphenyl-d14	12.974	244	776592	75.977	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	99215	46.799	ng		99
3) Pyridine	3.451	79	245189	47.554	ng		96
4) n-Nitrosodimethylamine	3.410	42	159402	47.231	ng		94
6) Aniline	6.528	93	201076	34.363	ng	#	64
8) 2-Chlorophenol	6.651	128	264151	50.280	ng		98
9) Benzaldehyde	6.416	77	80364	23.006	ng		99
10) Phenol	6.516	94	347793	50.159	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	260367	46.118	ng		99
12) 1,3-Dichlorobenzene	6.804	146	279076	47.220	ng		100
13) 1,4-Dichlorobenzene	6.886	146	279404	46.678	ng		100
14) 1,2-Dichlorobenzene	7.034	146	268753	47.906	ng		99
15) Benzyl Alcohol	7.010	79	249974	49.613	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	470003	48.089	ng		91
17) 2-Methylphenol	7.122	107	215210	49.069	ng		98
18) Hexachloroethane	7.375	117	106153	47.545	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	198401	46.798	ng		98
20) 3+4-Methylphenols	7.275	107	266998	48.467	ng		95
22) Acetophenone	7.275	105	361617	46.529	ng		96
24) Nitrobenzene	7.451	77	302788	45.216	ng		99
25) Isophorone	7.686	82	540953	47.097	ng		99
26) 2-Nitrophenol	7.763	139	143535	49.860	ng		100
27) 2,4-Dimethylphenol	7.804	122	208478	59.156	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	318407	46.424	ng		99
29) 2,4-Dichlorophenol	8.010	162	222517	48.407	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	229627	44.172	ng		98
31) Naphthalene	8.169	128	781238	46.667	ng		100
32) Benzoic acid	7.928	122	132692	37.865	ng		98
33) 4-Chloroaniline	8.222	127	47994	8.470	ng		98
34) Hexachlorobutadiene	8.280	225	148628	44.180	ng		100
35) Caprolactam	8.592	113	73166m	48.528	ng		
36) 4-Chloro-3-methylphenol	8.710	107	243115	46.721	ng		98
37) 2-Methylnaphthalene	8.863	142	509634	46.743	ng		100
38) 1-Methylnaphthalene	8.963	142	472336	44.320	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	235267	47.053	ng		98
41) Hexachlorocyclopentadiene	9.010	237	241082	157.246	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	161675	47.965	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	172763	47.527	ng	98
46) 1,1'-Biphenyl	9.327	154	631382	47.145	ng	100
47) 2-Chloronaphthalene	9.351	162	473944	47.206	ng	98
48) 2-Nitroaniline	9.451	65	176955	49.099	ng	98
49) Acenaphthylene	9.769	152	774283	50.711	ng	99
50) Dimethylphthalate	9.627	163	568816	48.258	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123928	46.543	ng	93
52) Acenaphthene	9.939	154	542407m	51.747	ng	
53) 3-Nitroaniline	9.857	138	66540	24.454	ng	96
54) 2,4-Dinitrophenol	9.969	184	120773	84.331	ng	99
55) Dibenzofuran	10.110	168	715470	48.751	ng	99
56) 4-Nitrophenol	10.027	139	190279	91.701	ng	96
57) 2,4-Dinitrotoluene	10.098	165	168137	48.310	ng	99
58) Fluorene	10.451	166	556070	47.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	142955	48.692	ng	98
60) Diethylphthalate	10.327	149	582853	47.874	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	267970	45.823	ng	97
62) 4-Nitroaniline	10.474	138	131218	47.146	ng	98
63) Azobenzene	10.604	77	695002	56.765	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	87206	46.340	ng	96
66) n-Nitrosodiphenylamine	10.563	169	487604	49.646	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	159790	46.772	ng	97
68) Hexachlorobenzene	10.998	284	177578	46.843	ng	99
69) Atrazine	11.092	200	156727	59.476	ng	99
70) Pentachlorophenol	11.198	266	183577	81.326	ng	99
71) Phenanthrene	11.416	178	780793	49.698	ng	100
72) Anthracene	11.469	178	789998	50.828	ng	100
73) Carbazole	11.621	167	720782	48.284	ng	100
74) Di-n-butylphthalate	11.945	149	900280	49.594	ng	99
75) Fluoranthene	12.604	202	785368	45.730	ng	100
77) Benzidine	12.727	184	176030	59.504	ng	100
78) Pyrene	12.833	202	789480	52.631	ng	99
80) Butylbenzylphthalate	13.445	149	301901	56.267	ng	99
81) Benzo(a)anthracene	14.021	228	551757	50.038	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	104003	30.819	ng	99
83) Chrysene	14.057	228	501687	49.765	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	386490	57.686	ng	99
85) Di-n-octyl phthalate	14.615	149	547878	55.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	591127	57.261	ng	99
88) Benzo(b)fluoranthene	15.068	252	503178	44.369	ng	99
89) Benzo(k)fluoranthene	15.098	252	425569	44.238	ng	99
90) Benzo(a)pyrene	15.439	252	458403	51.263	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	485898	56.749	ng	99
92) Benzo(g,h,i)perylene	17.427	276	463955	54.029	ng	99

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

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