Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139401.D
Acq On : 17 Sep 2024 14:45
Operator : RC/JU
Sample : P3985-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 17 15:19:28 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	65936	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	245326	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	133612	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	209074	20.000	ng		0.00
76) Chrysene-d12	14.033	240	115674	20.000	ng		0.00
86) Perylene-d12	15.498	264	100599	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	327864	81.118	ng		0.01
7) Phenol-d6	6.510	99	446629	84.188	ng		0.00
23) Nitrobenzene-d5	7.439	82	293005	56.148	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	116984	82.241	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	560717	58.858	ng		0.00
79) Terphenyl-d14	12.980	244	384573	54.570	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	60027	37.017	ng		98
3) Pyridine	3.499	79	151255	42.306	ng		98
4) n-Nitrosodimethylamine	3.451	42	134117	43.280	ng		99
6) Aniline	6.540	93	166140	41.498	ng	#	80
8) 2-Chlorophenol	6.663	128	195020	46.874	ng		98
9) Benzaldehyde	6.428	77	41059	13.396	ng		98
10) Phenol	6.528	94	254027	47.014	ng		94
11) bis(2-Chloroethyl)ether	6.616	93	178129	43.375	ng		99
12) 1,3-Dichlorobenzene	6.822	146	201559	42.598	ng		100
13) 1,4-Dichlorobenzene	6.898	146	205449	42.967	ng		99
14) 1,2-Dichlorobenzene	7.045	146	195514	43.273	ng		99
15) Benzyl Alcohol	7.022	79	197715	46.713	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	324717	51.306	ng		97
17) 2-Methylphenol	7.134	107	156329	47.292	ng		100
18) Hexachloroethane	7.392	117	80753	44.340	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	153903	48.955	ng		98
20) 3+4-Methylphenols	7.287	107	210538	46.684	ng	#	89
22) Acetophenone	7.287	105	286026	44.597	ng		98
24) Nitrobenzene	7.463	77	234062	43.580	ng		99
25) Isophorone	7.698	82	403023	48.834	ng		99
26) 2-Nitrophenol	7.781	139	102290	48.885	ng		95
27) 2,4-Dimethylphenol	7.816	122	157747	57.152	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	227938	48.460	ng		97
29) 2,4-Dichlorophenol	8.022	162	163566	46.647	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	174480	42.706	ng		97
31) Naphthalene	8.186	128	577603	45.099	ng		99
32) Benzoic acid	7.934	122	107640	41.672	ng		96
33) 4-Chloroaniline	8.228	127	61205	15.621	ng		98
34) Hexachlorobutadiene	8.298	225	120340	43.355	ng		100
35) Caprolactam	8.604	113	49223m	45.635	ng		
36) 4-Chloro-3-methylphenol	8.716	107	188174	46.957	ng		98
37) 2-Methylnaphthalene	8.875	142	380257	46.776	ng		99
38) 1-Methylnaphthalene	8.975	142	353632	44.309	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	182728	46.145	ng		99
41) Hexachlorocyclopentadiene	9.028	237	183674	132.846	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	127066	49.322	ng		98

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44) 2,4,5-Trichlorophenol	9.192	196	124290	45.736	ng	98
46) 1,1'-Biphenyl	9.339	154	473057	46.021	ng	99
47) 2-Chloronaphthalene	9.363	162	347657	45.234	ng	99
48) 2-Nitroaniline	9.457	65	133786	46.800	ng	97
49) Acenaphthylene	9.780	152	567152	49.022	ng	100
50) Dimethylphthalate	9.639	163	420890	47.995	ng	99
51) 2,6-Dinitrotoluene	9.698	165	89160	45.894	ng	99
52) Acenaphthene	9.951	154	408441	50.584	ng	100
53) 3-Nitroaniline	9.869	138	52257	26.915	ng	94
54) 2,4-Dinitrophenol	9.975	184	88896	82.119	ng	94
55) Dibenzofuran	10.122	168	514943	45.755	ng	98
56) 4-Nitrophenol	10.028	139	128321	79.875	ng	94
57) 2,4-Dinitrotoluene	10.104	165	118617	45.225	ng	99
58) Fluorene	10.463	166	412444	44.916	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	102710	45.690	ng	99
60) Diethylphthalate	10.333	149	427712	47.262	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	204072	45.729	ng	96
62) 4-Nitroaniline	10.480	138	79576	37.554	ng	97
63) Azobenzene	10.616	77	450528	50.616	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	55721	50.497	ng	95
66) n-Nitrosodiphenylamine	10.575	169	340332	55.677	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	112640	54.367	ng	99
68) Hexachlorobenzene	11.010	284	121602	50.009	ng	99
69) Atrazine	11.098	200	104084	71.525	ng	99
70) Pentachlorophenol	11.204	266	129245	88.581	ng	99
71) Phenanthrene	11.427	178	497133	49.285	ng	100
72) Anthracene	11.474	178	494353	50.126	ng	99
73) Carbazole	11.627	167	406002	43.013	ng	99
74) Di-n-butylphthalate	11.957	149	527248	50.143	ng	100
75) Fluoranthene	12.610	202	412125	38.259	ng	99
77) Benzidine	12.727	184	106024	63.975	ng	99
78) Pyrene	12.839	202	410525	41.333	ng	100
80) Butylbenzylphthalate	13.457	149	156967	46.430	ng	98
81) Benzo(a)anthracene	14.021	228	382239	49.886	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	81489	36.316	ng	98
83) Chrysene	14.063	228	327610	46.474	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	215514	50.111	ng	99
85) Di-n-octyl phthalate	14.621	149	373584	58.984	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	185932	31.082	ng	100
88) Benzo(b)fluoranthene	15.074	252	334641	53.937	ng	99
89) Benzo(k)fluoranthene	15.104	252	324299	56.690	ng	99
90) Benzo(a)pyrene	15.439	252	276834	53.801	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	153160	30.985	ng	99
92) Benzo(g,h,i)perylene	17.415	276	134686	27.519	ng	99

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

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