Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
Data File : BF139746.D
Acq On : 10 Oct 2024 15:05
Operator : RC/JU
Sample : P4340-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-7MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 15:46:12 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	80643	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	308129	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	168907	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	277070	20.000	ng		0.00
76) Chrysene-d12	14.033	240	166363	20.000	ng		0.00
86) Perylene-d12	15.504	264	173917	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	618624	132.960	ng		0.02
7) Phenol-d6	6.510	99	773444	123.614	ng		0.00
23) Nitrobenzene-d5	7.433	82	564078	92.687	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	201978	123.873	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1013940	92.156	ng		0.00
79) Terphenyl-d14	12.974	244	838296	82.681	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	95641	47.546	ng	#	80
3) Pyridine	3.522	79	199239	40.726	ng		97
4) n-Nitrosodimethylamine	3.451	42	161683	50.490	ng		96
6) Aniline	6.534	93	119600	21.541	ng	#	32
8) 2-Chlorophenol	6.657	128	262963	52.752	ng		99
9) Benzaldehyde	6.422	77	34066	10.278	ng		99
10) Phenol	6.522	94	315899	48.015	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	267769	49.987	ng		99
12) 1,3-Dichlorobenzene	6.810	146	274392	48.931	ng		99
13) 1,4-Dichlorobenzene	6.886	146	276307	48.649	ng		100
14) 1,2-Dichlorobenzene	7.039	146	264149	49.624	ng		99
15) Benzyl Alcohol	7.016	79	257367	53.835	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	474379	51.154	ng		77
17) 2-Methylphenol	7.128	107	212759	51.126	ng		98
18) Hexachloroethane	7.381	117	100580	47.478	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	203600	50.613	ng		98
20) 3+4-Methylphenols	7.281	107	277109	53.015	ng		97
22) Acetophenone	7.281	105	370582	50.667	ng		95
24) Nitrobenzene	7.451	77	310951	49.342	ng		99
25) Isophorone	7.692	82	550340	50.914	ng		99
26) 2-Nitrophenol	7.769	139	144072	53.179	ng		98
27) 2,4-Dimethylphenol	7.804	122	214035	64.535	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	322761	50.005	ng		99
29) 2,4-Dichlorophenol	8.010	162	224692	51.940	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	231532	47.327	ng		99
31) Naphthalene	8.175	128	802893	50.964	ng		100
32) Benzoic acid	7.939	122	161521	48.978	ng		92
33) 4-Chloroaniline	8.222	127	36462	6.837	ng		99
34) Hexachlorobutadiene	8.286	225	148982	47.058	ng		99
35) Caprolactam	8.598	113	61940	43.654	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	245034	50.038	ng		99
37) 2-Methylnaphthalene	8.863	142	520383	50.717	ng		99
38) 1-Methylnaphthalene	8.963	142	482700	48.128	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	241415	51.471	ng		99
41) Hexachlorocyclopentadiene	9.010	237	152870	106.295	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	164385	51.990	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	173192	50.792	ng	98
46) 1,1'-Biphenyl	9.327	154	637413	50.738	ng	100
47) 2-Chloronaphthalene	9.351	162	475568	50.496	ng	99
48) 2-Nitroaniline	9.451	65	171830	50.826	ng	98
49) Acenaphthylene	9.769	152	773519	54.007	ng	100
50) Dimethylphthalate	9.627	163	575296	52.031	ng	100
51) 2,6-Dinitrotoluene	9.692	165	122642	49.102	ng	95
52) Acenaphthene	9.939	154	543845m	55.311	ng	
53) 3-Nitroaniline	9.863	138	49228	19.287	ng	94
54) 2,4-Dinitrophenol	9.975	184	125328	93.291	ng	95
55) Dibenzofuran	10.110	168	701517	50.957	ng	100
56) 4-Nitrophenol	10.033	139	166861	85.726	ng	95
57) 2,4-Dinitrotoluene	10.098	165	159523	48.862	ng	99
58) Fluorene	10.457	166	540032	49.251	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	139157	50.528	ng	98
60) Diethylphthalate	10.327	149	560873	49.111	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	266136	48.515	ng	97
62) 4-Nitroaniline	10.474	138	113502	43.474	ng	97
63) Azobenzene	10.604	77	569151	49.556	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	80459	51.417	ng	92
66) n-Nitrosodiphenylamine	10.569	169	465376	56.982	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	155202	54.633	ng	98
68) Hexachlorobenzene	11.004	284	165071	52.365	ng	98
69) Atrazine	11.092	200	130461	59.538	ng	99
70) Pentachlorophenol	11.198	266	178894	95.307	ng	98
71) Phenanthrene	11.416	178	695958	53.273	ng	99
72) Anthracene	11.469	178	706156	54.638	ng	99
73) Carbazole	11.627	167	613633	49.434	ng	100
74) Di-n-butylphthalate	11.951	149	790503	52.369	ng	99
75) Fluoranthene	12.610	202	651465	45.618	ng	99
77) Benzidine	12.727	184	66876	22.790	ng	100
78) Pyrene	12.833	202	661195	44.437	ng	100
80) Butylbenzylphthalate	13.451	149	258987	48.662	ng	96
81) Benzo(a)anthracene	14.021	228	595541	54.448	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	130196	38.894	ng	100
83) Chrysene	14.062	228	506334	50.634	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	341665	51.410	ng	99
85) Di-n-octyl phthalate	14.615	149	594112	60.850	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	469813	45.896	ng	99
88) Benzo(b)fluoranthene	15.074	252	565065	50.249	ng	99
89) Benzo(k)fluoranthene	15.104	252	484309	50.772	ng	100
90) Benzo(a)pyrene	15.445	252	492039	55.492	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	394074	46.415	ng	99
92) Benzo(g,h,i)perylene	17.433	276	335003	39.344	ng	99

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

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