Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
Data File : BF138544.D
Acq On : 12 Jul 2024 13:56
Operator : CG\JU
Sample : PB161988BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 14:49:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161988BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	134752	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	564116	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	318857	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	551470	20.000	ng		0.00
76) Chrysene-d12	14.027	240	258149	20.000	ng		0.00
86) Perylene-d12	15.492	264	252487	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1045301	122.855	ng		0.02
7) Phenol-d6	6.516	99	1366241	120.707	ng		0.01
23) Nitrobenzene-d5	7.439	82	910285	79.226	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	364618	122.354	ng		0.01
45) 2-Fluorobiphenyl	9.227	172	1584892	77.685	ng		0.00
79) Terphenyl-d14	12.974	244	1518382	95.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	117485	31.177	ng		98
3) Pyridine	3.504	79	289907	31.196	ng		99
4) n-Nitrosodimethylamine	3.469	42	249619	41.263	ng		91
6) Aniline	6.533	93	283564	26.747	ng	#	76
8) 2-Chlorophenol	6.657	128	417644	46.422	ng		98
9) Benzaldehyde	6.416	77	97323	16.064	ng		96
10) Phenol	6.528	94	510394	42.483	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	399631	44.180	ng		97
12) 1,3-Dichlorobenzene	6.810	146	407521	40.298	ng		98
13) 1,4-Dichlorobenzene	6.886	146	414434	40.357	ng		99
14) 1,2-Dichlorobenzene	7.039	146	402560	42.089	ng		98
15) Benzyl Alcohol	7.016	79	391807	46.126	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	727190	40.881	ng		93
17) 2-Methylphenol	7.128	107	324030	43.946	ng	#	94
18) Hexachloroethane	7.375	117	156884	41.556	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	308343	44.088	ng		93
20) 3+4-Methylphenols	7.281	107	400014	43.082	ng	#	85
22) Acetophenone	7.281	105	566125	41.321	ng	#	94
24) Nitrobenzene	7.457	77	467131	40.008	ng		96
25) Isophorone	7.692	82	848360	42.996	ng		100
26) 2-Nitrophenol	7.769	139	223302	44.621	ng		98
27) 2,4-Dimethylphenol	7.804	122	288031	46.829	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	498745	42.295	ng		99
29) 2,4-Dichlorophenol	8.010	162	345831	43.298	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	380405	40.884	ng		100
31) Naphthalene	8.175	128	1197548	40.818	ng		100
32) Benzoic acid	7.963	122	257700	43.929	ng		97
33) 4-Chloroaniline	8.222	127	236207	22.946	ng		98
34) Hexachlorobutadiene	8.286	225	226304	39.497	ng		98
35) Caprolactam	8.616	113	106175m	41.195	ng		
36) 4-Chloro-3-methylphenol	8.716	107	380042	42.502	ng		96
37) 2-Methylnaphthalene	8.863	142	774224	41.007	ng		100
38) 1-Methylnaphthalene	8.963	142	715645	38.839	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	363392	40.892	ng		99
41) Hexachlorocyclopentadiene	9.016	237	305523	105.920	ng		100
43) 2,4,6-Trichlorophenol	9.145	196	237920	41.971	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	252080	40.431	ng		95
46) 1,1'-Biphenyl	9.327	154	980568	40.579	ng		99
47) 2-Chloronaphthalene	9.357	162	735043	40.265	ng		99
48) 2-Nitroaniline	9.457	65	269408	42.588	ng		97
49) Acenaphthylene	9.769	152	1137650	43.894	ng		100
50) Dimethylphthalate	9.633	163	899088	43.607	ng		100
51) 2,6-Dinitrotoluene	9.698	165	197070	41.513	ng		95
52) Acenaphthene	9.945	154	692066	40.170	ng		99
53) 3-Nitroaniline	9.863	138	136594	28.074	ng		92
54) 2,4-Dinitrophenol	9.974	184	220368	86.115	ng		96
55) Dibenzofuran	10.116	168	1019786	40.809	ng		99
56) 4-Nitrophenol	10.039	139	295232	82.235	ng		99
57) 2,4-Dinitrotoluene	10.104	165	255225	41.552	ng	#	98
58) Fluorene	10.457	166	802576	40.590	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	214915	43.677	ng		98
60) Diethylphthalate	10.333	149	850980	42.813	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	405536	40.845	ng		94
62) 4-Nitroaniline	10.486	138	188452	38.651	ng		99
63) Azobenzene	10.610	77	900431	42.136	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	153756	48.287	ng		80
66) n-Nitrosodiphenylamine	10.569	169	705739	42.714	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	240649	42.457	ng		93
68) Hexachlorobenzene	11.004	284	262744	41.727	ng		93
69) Atrazine	11.098	200	207132	37.812	ng		98
70) Pentachlorophenol	11.198	266	306858	82.356	ng		97
71) Phenanthrene	11.421	178	1165084	41.818	ng		99
72) Anthracene	11.468	178	1172577	42.398	ng		98
73) Carbazole	11.627	167	1001939	40.313	ng		99
74) Di-n-butylphthalate	11.951	149	1268550	44.280	ng		99
75) Fluoranthene	12.604	202	1104322	38.845	ng		99
77) Benzidine	12.721	184	68967	10.589	ng		98
78) Pyrene	12.833	202	1101743	42.042	ng		100
80) Butylbenzylphthalate	13.445	149	393792	49.954	ng		99
81) Benzo(a)anthracene	14.015	228	740945	42.775	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	182724	40.938	ng		98
83) Chrysene	14.057	228	709492	43.297	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	484321	57.606	ng		99
85) Di-n-octyl phthalate	14.609	149	777101	58.509	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	776407	45.780	ng		100
88) Benzo(b)fluoranthene	15.062	252	670383	47.146	ng		99
89) Benzo(k)fluoranthene	15.098	252	611393	44.087	ng		99
90) Benzo(a)pyrene	15.433	252	596900	47.786	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	636540	45.883	ng		99
92) Benzo(g,h,i)perylene	17.421	276	602792	40.976	ng		96

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

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