Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022924\
Data File : BF137449.D
Acq On : 29 Feb 2024 18:56
Operator : CG\JU
Sample : SP6439
Misc : 8270/625.1 SPIKE
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 01 04:03:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 03:39:04 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP6439

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	198890m	20.000	ng	0.08
21) Naphthalene-d8	8.157	136	813740	20.000	ng	0.08
39) Acenaphthene-d10	9.916	164	473789	20.000	ng	0.08
64) Phenanthrene-d10	11.416	188	811175	20.000	ng	0.09
76) Chrysene-d12	14.074	240	460116	20.000	ng	0.09
86) Perylene-d12	15.610	264	404702	20.000	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	367991m	51.249	ng	
3) Pyridine	3.628	79	774222	44.708	ng	99
4) n-Nitrosodimethylamine	3.616	42	336516	47.973	ng	100
6) Aniline	6.557	93	853830	36.863	ng	98
8) 2-Chlorophenol	6.675	128	728657	52.607	ng	96
9) Benzaldehyde	6.446	77	591019	63.642	ng	99
10) Phenol	6.540	94	1074311	52.655	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	733372	49.052	ng	99
12) 1,3-Dichlorobenzene	6.828	146	764567	51.657	ng	96
13) 1,4-Dichlorobenzene	6.904	146	773218m	51.059	ng	
14) 1,2-Dichlorobenzene	7.051	146	746844m	53.731	ng	
15) Benzyl Alcohol	7.034	79	669459	56.729	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1245996	48.483	ng	99
17) 2-Methylphenol	7.146	107	599158	46.229	ng	97
18) Hexachloroethane	7.393	117	266658	53.478	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	543695	46.448	ng	99
20) 3+4-Methylphenols	7.293	107	694134	46.763	ng	91
22) Acetophenone	7.293	105	953448	48.426	ng	99
24) Nitrobenzene	7.463	77	848231	48.214	ng	100
25) Isophorone	7.704	82	1647715	49.522	ng	99
26) 2-Nitrophenol	7.781	139	372386	53.315	ng	97
27) 2,4-Dimethylphenol	7.822	122	531675	40.738	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	963176	49.338	ng	99
29) 2,4-Dichlorophenol	8.022	162	613660	51.232	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	637501	50.575	ng	99
31) Naphthalene	8.181	128	2092358	47.924	ng	100
32) Benzoic acid	7.963	122	358727	47.765	ng	99
33) 4-Chloroaniline	8.234	127	440030	25.703	ng	100
34) Hexachlorobutadiene	8.298	225	368107	49.466	ng	98
35) Caprolactam	8.616	113	210622m	51.857	ng	
36) 4-Chloro-3-methylphenol	8.722	107	676261	50.509	ng	98
37) 2-Methylnaphthalene	8.875	142	1306291	46.933	ng	99
38) 1-Methylnaphthalene	8.975	142	1222227	46.630	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	618752	46.779	ng	99
41) Hexachlorocyclopentadiene	9.028	237	578069	104.301	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	424394	49.271	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	459758	46.336	ng	97
46) 1,1'-Biphenyl	9.339	154	1612256	46.493	ng	99
47) 2-Chloronaphthalene	9.363	162	1246536	47.149	ng	98
48) 2-Nitroaniline	9.469	65	443919	49.400	ng	99
49) Acenaphthylene	9.781	152	2026942	47.906	ng	100
50) Dimethylphthalate	9.651	163	1524393	46.220	ng	100
51) 2,6-Dinitrotoluene	9.710	165	338372	49.051	ng	98
52) Acenaphthene	9.951	154	1143406	45.266	ng	99
53) 3-Nitroaniline	9.881	138	225323	30.880	ng	97
54) 2,4-Dinitrophenol	9.992	184	340220	98.945	ng	90
55) Dibenzofuran	10.128	168	1738885	45.198	ng	100
56) 4-Nitrophenol	10.051	139	505331	96.362	ng	94
57) 2,4-Dinitrotoluene	10.116	165	430636	50.812	ng	93
58) Fluorene	10.475	166	1329706	45.004	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	375013m	47.131	ng	
60) Diethylphthalate	10.351	149	1430465	45.929	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	633290	43.734	ng	99
62) 4-Nitroaniline	10.504	138	309032	49.277	ng	98
63) Azobenzene	10.628	77	1672973	46.649	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	244516	54.084	ng	81
66) n-Nitrosodiphenylamine	10.586	169	1210581	46.345	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	415704	47.051	ng	97
68) Hexachlorobenzene	11.016	284	451021	50.542	ng	97
69) Atrazine	11.122	200	395611	49.821	ng	98
70) Pentachlorophenol	11.222	266	512994	95.096	ng	99
71) Phenanthrene	11.439	178	2029952	45.983	ng	99
72) Anthracene	11.492	178	2084774	45.981	ng	99
73) Carbazole	11.651	167	1855538	47.778	ng	100
74) Di-n-butylphthalate	11.986	149	2205184	47.724	ng	99
75) Fluoranthene	12.633	202	2015571	46.709	ng	99
77) Benzidine	12.769	184	1125883	99.989	ng	100
78) Pyrene	12.863	202	2076461	45.993	ng	99
80) Butylbenzylphthalate	13.498	149	631715	54.788	ng	98
81) Benzo(a)anthracene	14.063	228	1532155	47.510	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	310104	36.109	ng	99
83) Chrysene	14.098	228	1541033	47.280	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	783817	53.484	ng	100
85) Di-n-octyl phthalate	14.692	149	1277137	45.542	ng	100
87) Indeno(1,2,3-cd)pyrene	17.215	276	1305693	49.027	ng	99
88) Benzo(b)fluoranthene	15.151	252	1270086	53.054	ng	99
89) Benzo(k)fluoranthene	15.186	252	1173982	45.656	ng	99
90) Benzo(a)pyrene	15.545	252	1137104	48.200	ng	99
91) Dibenzo(a,h)anthracene	17.245	278	1042785	48.268	ng	99
92) Benzo(g,h,i)perylene	17.710	276	1019464	45.948	ng	98

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

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