Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137379.D
Acq On : 26 Feb 2024 11:49
Operator : CG\JU
Sample : PB159110BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 26 12:12:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159110BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	215733	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	900312	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	493535	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	894932	20.000	ng	0.00
76) Chrysene-d12	13.980	240	493612	20.000	ng	0.00
86) Perylene-d12	15.457	264	412976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1336576	95.599	ng	0.02
7) Phenol-d6	6.440	99	1841580	89.543	ng	0.00
23) Nitrobenzene-d5	7.369	82	1564830	86.774	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	412753	96.040	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2680740	84.563	ng	0.00
79) Terphenyl-d14	12.922	244	3181723	90.156	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	290723	37.959	ng	100
3) Pyridine	3.410	79	672365	34.944	ng	100
4) n-Nitrosodimethylamine	3.387	42	334508	45.683	ng	100
6) Aniline	6.469	93	830923	34.069	ng	99
8) 2-Chlorophenol	6.587	128	727614	48.522	ng	99
9) Benzaldehyde	6.351	77	217620	21.978	ng	96
10) Phenol	6.451	94	1068139	47.454	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	735611	44.976	ng	97
12) 1,3-Dichlorobenzene	6.740	146	745177	46.274	ng	100
13) 1,4-Dichlorobenzene	6.816	146	770235	46.456	ng	99
14) 1,2-Dichlorobenzene	6.969	146	727845	47.460	ng	98
15) Benzyl Alcohol	6.945	79	642984	52.447	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1258184	46.281	ng	100
17) 2-Methylphenol	7.057	107	639181	45.050	ng	98
18) Hexachloroethane	7.304	117	263191	46.067	ng	95
19) n-Nitroso-di-n-propyla...	7.216	70	570538	45.018	ng	99
20) 3+4-Methylphenols	7.210	107	725613	44.870	ng	91
22) Acetophenone	7.210	105	974071	44.617	ng	98
24) Nitrobenzene	7.381	77	831049	45.353	ng	96
25) Isophorone	7.622	82	1699464	45.570	ng	99
26) 2-Nitrophenol	7.698	139	318729	45.670	ng	100
27) 2,4-Dimethylphenol	7.739	122	663969	48.411	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	986863	45.911	ng	99
29) 2,4-Dichlorophenol	7.939	162	617758	48.057	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	636516	46.132	ng	100
31) Naphthalene	8.098	128	2121831	43.916	ng	99
32) Benzoic acid	7.881	122	361144	43.751	ng	99
33) 4-Chloroaniline	8.151	127	348469	18.963	ng	96
34) Hexachlorobutadiene	8.216	225	364433	44.461	ng	99
35) Caprolactam	8.528	113	197480m	49.677	ng	
36) 4-Chloro-3-methylphenol	8.639	107	688771	47.262	ng	98
37) 2-Methylnaphthalene	8.792	142	1321085	42.433	ng	99
38) 1-Methylnaphthalene	8.892	142	1257268	42.713	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	614213	45.185	ng	98
41) Hexachlorocyclopentadiene	8.945	237	734448	119.169	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	435152	49.372	ng	99

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44) 2,4,5-Trichlorophenol	9.116	196	467969	46.281	ng	99
46) 1,1'-Biphenyl	9.257	154	1650325	45.911	ng	99
47) 2-Chloronaphthalene	9.281	162	1299929	47.886	ng	100
48) 2-Nitroaniline	9.381	65	387540	47.092	ng	97
49) Acenaphthylene	9.698	152	2031901	46.070	ng	99
50) Dimethylphthalate	9.569	163	1599982	46.916	ng	98
51) 2,6-Dinitrotoluene	9.628	165	328333	51.751	ng	95
52) Acenaphthene	9.869	154	1188538	45.144	ng	99
53) 3-Nitroaniline	9.798	138	227081	32.144	ng	98
54) 2,4-Dinitrophenol	9.904	184	308840	96.669	ng	96
55) Dibenzofuran	10.045	168	1835163	45.100	ng	99
56) 4-Nitrophenol	9.969	139	555814	102.012	ng	100
57) 2,4-Dinitrotoluene	10.033	165	407788	50.776	ng	95
58) Fluorene	10.386	166	1382689	44.495	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	408034m	48.730	ng	
60) Diethylphthalate	10.269	149	1514144	47.555	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	684781	44.797	ng	98
62) 4-Nitroaniline	10.422	138	317409m	47.570	ng	
63) Azobenzene	10.539	77	1739904	45.673	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	202565	46.450	ng	90
66) n-Nitrosodiphenylamine	10.504	169	1296403	44.604	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	441234	45.862	ng	97
68) Hexachlorobenzene	10.933	284	465591	46.781	ng	98
69) Atrazine	11.039	200	416014	53.038	ng	99
70) Pentachlorophenol	11.133	266	552622	87.639	ng	99
71) Phenanthrene	11.351	178	2168284	43.915	ng	99
72) Anthracene	11.404	178	2237074	43.965	ng	99
73) Carbazole	11.563	167	1976441	45.462	ng	99
74) Di-n-butylphthalate	11.898	149	2203891	50.663	ng	100
75) Fluoranthene	12.545	202	2141616	44.436	ng	100
77) Benzidine	12.674	184	249700	32.281	ng	98
78) Pyrene	12.774	202	2179507	46.696	ng	99
80) Butylbenzylphthalate	13.404	149	362122	51.486	ng	95
81) Benzo(a)anthracene	13.969	228	1603286	46.808	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	309035	39.667	ng	98
83) Chrysene	14.004	228	1585619	45.316	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	463673	51.108	ng	99
85) Di-n-octyl phthalate	14.586	149	811943	51.149	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	1387382	48.497	ng	99
88) Benzo(b)fluoranthene	15.027	252	1235562	48.771	ng	99
89) Benzo(k)fluoranthene	15.057	252	1299200	48.929	ng	99
90) Benzo(a)pyrene	15.398	252	1103245	45.911	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1152963	49.172	ng	100
92) Benzo(g,h,i)perylene	17.427	276	1175502	48.506	ng	98

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

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