Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138130.D
Acq On : 06 Jun 2024 13:37
Operator : CG\JU
Sample : PB161335BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 06 14:14:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161335BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

06/07/2024

Supervised By :mohammad ahmed

06/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	525956	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	2147888	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	1242229	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	2105990	20.000	ng	0.00
76) Chrysene-d12	14.074	240	1117586	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	857206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	3741617	121.238	ng	0.02
7) Phenol-d6	6.539	99	4824526	123.557	ng	0.00
23) Nitrobenzene-d5	7.475	82	2957118	93.671	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1500667	125.528	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	5437797	76.541	ng	0.00
79) Terphenyl-d14	13.021	244	5804878	77.690	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	460467	32.554	ng	98
3) Pyridine	3.610	79	1130473	32.617	ng	96
4) n-Nitrosodimethylamine	3.575	42	719500	42.287	ng	95
6) Aniline	6.569	93	1237214	31.250	ng	99
8) 2-Chlorophenol	6.692	128	1565216	46.880	ng	98
10) Phenol	6.551	94	1880100	46.866	ng	97
11) bis(2-Chloroethyl)ether	6.645	93	1402137	43.599	ng	99
12) 1,3-Dichlorobenzene	6.845	146	1560406	40.790	ng	98
13) 1,4-Dichlorobenzene	6.922	146	1585213	41.145	ng	98
14) 1,2-Dichlorobenzene	7.075	146	1541530	42.625	ng	99
15) Benzyl Alcohol	7.051	79	1282324	46.413	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	2041316	43.237	ng	97
17) 2-Methylphenol	7.157	107	1220700	45.171	ng	99
18) Hexachloroethane	7.422	117	556638	42.330	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	1062424	42.672	ng	98
20) 3+4-Methylphenols	7.310	107	1480206	44.018	ng	95
22) Acetophenone	7.322	105	2015381	40.758	ng	98
24) Nitrobenzene	7.492	77	1522152	44.261	ng	97
25) Isophorone	7.734	82	2879544	41.403	ng	98
26) 2-Nitrophenol	7.804	139	735437	50.244	ng	96
27) 2,4-Dimethylphenol	7.839	122	1179738	48.834	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	1787952	42.205	ng	100
29) 2,4-Dichlorophenol	8.045	162	1337567	45.939	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	1443922	41.100	ng	99
31) Naphthalene	8.216	128	4152836	39.974	ng	98
32) Benzoic acid	7.981	122	944469	50.316	ng	97
33) 4-Chloroaniline	8.257	127	748538	19.171	ng	98
34) Hexachlorobutadiene	8.328	225	814452	39.451	ng	99
35) Caprolactam	8.639	113	390477m	40.163	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1337178	44.816	ng	99
37) 2-Methylnaphthalene	8.904	142	2847606	40.660	ng	100
38) 1-Methylnaphthalene	9.004	142	2656972	38.747	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1439153	41.034	ng	99
41) Hexachlorocyclopentadiene	9.057	237	1325938	114.524	ng	100
43) 2,4,6-Trichlorophenol	9.180	196	995628	46.757	ng	98
44) 2,4,5-Trichlorophenol	9.222	196	1051365	44.808	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.369	154	3469842	39.766	ng		98
47) 2-Chloronaphthalene	9.392	162	2757103	39.649	ng		99
48) 2-Nitroaniline	9.486	65	786647	45.772	ng		97
49) Acenaphthylene	9.810	152	4120707	41.875	ng		96
50) Dimethylphthalate	9.675	163	3204050	41.049	ng		99
51) 2,6-Dinitrotoluene	9.733	165	728045	43.332	ng		89
52) Acenaphthene	9.980	154	2852494m	42.901	ng		
53) 3-Nitroaniline	9.898	138	517997	31.619	ng		99
54) 2,4-Dinitrophenol	10.004	184	580192	85.172	ng		96
55) Dibenzofuran	10.157	168	3757480	39.954	ng		100
56) 4-Nitrophenol	10.063	139	1166771	98.279	ng		94
57) 2,4-Dinitrotoluene	10.139	165	932210	46.321	ng	#	83
58) Fluorene	10.498	166	2827087	37.846	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	868960	46.952	ng		100
60) Diethylphthalate	10.374	149	3040325	39.901	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	1463182	38.556	ng		98
62) 4-Nitroaniline	10.522	138	694946	47.699	ng		96
63) Azobenzene	10.651	77	2914172	39.707	ng		94
65) 4,6-Dinitro-2-methylph...	10.545	198	400953	50.363	ng	#	74
66) n-Nitrosodiphenylamine	10.610	169	2677310	42.571	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	1024132	42.709	ng		93
68) Hexachlorobenzene	11.039	284	1171803	42.034	ng		96
69) Atrazine	11.139	200	921708	45.552	ng		99
70) Pentachlorophenol	11.233	266	1328861	89.047	ng		99
71) Phenanthrene	11.457	178	4071989	40.164	ng		98
72) Anthracene	11.510	178	4147533	41.017	ng		98
73) Carbazole	11.663	167	3669057	39.677	ng		99
74) Di-n-butylphthalate	11.998	149	4246653	39.069	ng		100
75) Fluoranthene	12.645	202	4154266	37.976	ng		98
77) Benzidine	12.763	184	362134	31.488	ng		99
78) Pyrene	12.874	202	4256417	42.113	ng		98
80) Butylbenzylphthalate	13.492	149	1659617	49.726	ng		99
81) Benzo(a)anthracene	14.063	228	2914312	41.332	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	649158	36.324	ng		99
83) Chrysene	14.098	228	2863495	42.316	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	2163335	44.490	ng		100
85) Di-n-octyl phthalate	14.668	149	3146809	47.015	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	2087405	44.964	ng		99
88) Benzo(b)fluoranthene	15.115	252	2289157	42.479	ng		99
89) Benzo(k)fluoranthene	15.145	252	2351653	45.761	ng		99
90) Benzo(a)pyrene	15.486	252	1970236	48.276	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	1671774	45.028	ng		99
92) Benzo(g,h,i)perylene	17.492	276	1604040	41.794	ng		100

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

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