Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
Data File : BF138424.D
Acq On : 02 Jul 2024 12:43
Operator : CG\JU
Sample : PB161809BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 02 13:10:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB161809BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
07/03/2024
Supervised By :mohammad ahmed
07/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	198824	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	825252	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	449304	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	733046	20.000	ng		0.00
76) Chrysene-d12	14.033	240	301632	20.000	ng	#	0.00
86) Perylene-d12	15.498	264	359116	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1442648	120.299	ng		0.02
7) Phenol-d6	6.522	99	1958165	121.214	ng		0.00
23) Nitrobenzene-d5	7.445	82	1283254	80.778	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	425441	115.897	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2054541	72.773	ng		0.00
79) Terphenyl-d14	12.980	244	1635136	74.290	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	203999	36.115	ng		99
3) Pyridine	3.498	79	492464	36.545	ng		96
4) n-Nitrosodimethylamine	3.457	42	384849	45.777	ng		98
6) Aniline	6.539	93	468865	29.741	ng		98
8) 2-Chlorophenol	6.663	128	604809	46.980	ng		98
9) Benzaldehyde	6.434	77	705395	70.746	ng		99
10) Phenol	6.534	94	761057	44.219	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	611069	45.206	ng		99
12) 1,3-Dichlorobenzene	6.816	146	595437	40.388	ng		98
13) 1,4-Dichlorobenzene	6.892	146	608972	41.195	ng		97
14) 1,2-Dichlorobenzene	7.045	146	582509	42.684	ng		98
15) Benzyl Alcohol	7.022	79	553856	47.867	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1203813	44.152	ng		97
17) 2-Methylphenol	7.133	107	476688	44.678	ng		96
18) Hexachloroethane	7.386	117	226393	42.459	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	430220	42.244	ng		97
20) 3+4-Methylphenols	7.286	107	549905	44.358	ng		99
22) Acetophenone	7.286	105	767423	40.990	ng	#	99
24) Nitrobenzene	7.463	77	673169	41.662	ng		96
25) Isophorone	7.698	82	1241214	42.373	ng		100
26) 2-Nitrophenol	7.775	139	324488	46.559	ng		97
27) 2,4-Dimethylphenol	7.810	122	424733	47.617	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	747802	42.412	ng		99
29) 2,4-Dichlorophenol	8.016	162	485460	42.375	ng		94
30) 1,2,4-Trichlorobenzene	8.098	180	526158	39.500	ng		100
31) Naphthalene	8.180	128	1691051	40.534	ng		100
32) Benzoic acid	7.951	122	387867	47.610	ng		98
33) 4-Chloroaniline	8.228	127	332841	22.844	ng		97
34) Hexachlorobutadiene	8.292	225	298884	37.372	ng		99
35) Caprolactam	8.610	113	168913m	46.691	ng		
36) 4-Chloro-3-methylphenol	8.716	107	530984	43.513	ng		99
37) 2-Methylnaphthalene	8.869	142	1089473	40.407	ng		99
38) 1-Methylnaphthalene	8.969	142	1009124	38.592	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	486479	39.144	ng		98
41) Hexachlorocyclopentadiene	9.022	237	377825	103.283	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	332187	42.007	ng		99

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44) 2,4,5-Trichlorophenol	9.198	196	347839	40.445	ng		97
46) 1,1'-Biphenyl	9.333	154	1347356	40.162	ng		99
47) 2-Chloronaphthalene	9.363	162	1015207	39.690	ng		99
48) 2-Nitroaniline	9.457	65	382653	46.377	ng		97
49) Acenaphthylene	9.774	152	1579560	43.909	ng		100
50) Dimethylphthalate	9.639	163	1206302	41.775	ng		100
51) 2,6-Dinitrotoluene	9.698	165	273330	42.264	ng		97
52) Acenaphthene	9.945	154	1104364m	44.835	ng		
53) 3-Nitroaniline	9.869	138	197470	30.916	ng		97
54) 2,4-Dinitrophenol	9.974	184	268344	96.080	ng		97
55) Dibenzofuran	10.122	168	1394399	41.086	ng		100
56) 4-Nitrophenol	10.039	139	396243	95.679	ng		87
57) 2,4-Dinitrotoluene	10.104	165	352131	44.222	ng		96
58) Fluorene	10.463	166	1045011	38.751	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	286664	44.876	ng		100
60) Diethylphthalate	10.333	149	1127356	41.758	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	521032	38.080	ng		97
62) 4-Nitroaniline	10.486	138	253861	43.301	ng		98
63) Azobenzene	10.610	77	1242282	43.571	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	189276	48.196	ng		78
66) n-Nitrosodiphenylamine	10.574	169	942119	41.399	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	314766	39.949	ng	#	89
68) Hexachlorobenzene	11.010	284	335807	38.667	ng	#	91
69) Atrazine	11.098	200	275104	43.115	ng		98
70) Pentachlorophenol	11.204	266	373567	84.751	ng		97
71) Phenanthrene	11.421	178	1504729	42.043	ng		99
72) Anthracene	11.474	178	1500226	42.032	ng		99
73) Carbazole	11.627	167	1254459	42.334	ng		99
74) Di-n-butylphthalate	11.957	149	1583663	42.171	ng		100
75) Fluoranthene	12.610	202	1323448	41.246	ng		99
77) Benzidine	12.727	184	100598	41.708	ng		98
78) Pyrene	12.839	202	1272079	39.459	ng		99
80) Butylbenzylphthalate	13.451	149	426034	43.429	ng		99
81) Benzo(a)anthracene	14.021	228	849569	43.759	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	231490	40.385	ng		98
83) Chrysene	14.057	228	834118	44.153	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	545041	44.303	ng		99
85) Di-n-octyl phthalate	14.621	149	1041645	48.373	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	868069	48.108	ng		98
88) Benzo(b)fluoranthene	15.068	252	954174	48.427	ng		97
89) Benzo(k)fluoranthene	15.098	252	848650	46.762	ng		98
90) Benzo(a)pyrene	15.439	252	854029	49.451	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	702386	48.224	ng		98
92) Benzo(g,h,i)perylene	17.421	276	650183	45.632	ng		97

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

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