Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
Data File : BF130134.D
Acq On : 06 Sep 2022 13:16
Operator : CG\JU
Sample : PB147410BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 02:40:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147410BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	249466	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	1022816	20.000	ng		0.00
39) Acenaphthene-d10	9.734	164	562641	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	985413	20.000	ng	#	0.00
76) Chrysene-d12	13.839	240	532024	20.000	ng	#	0.00
86) Perylene-d12	15.233	264	461592	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1408833	95.873	ng		0.01
7) Phenol-d6	6.334	99	1775175	96.897	ng		0.00
23) Nitrobenzene-d5	7.269	82	1458598	91.647	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	536466	104.746	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	2800915	82.536	ng		0.00
79) Terphenyl-d14	12.798	244	3058818	99.702	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	274626	39.990	ng		94
3) Pyridine	3.146	79	736886	40.015	ng		93
4) n-Nitrosodimethylamine	3.105	42	347626	48.001	ng		87
6) Aniline	6.363	93	989777	43.093	ng	#	50
8) 2-Chlorophenol	6.481	128	821285	50.921	ng		100
9) Benzaldehyde	6.246	77	418333	37.307	ng		97
10) Phenol	6.351	94	1026127	49.553	ng	#	69
11) bis(2-Chloroethyl)ether	6.440	93	779489	49.543	ng		100
12) 1,3-Dichlorobenzene	6.640	146	833029	46.591	ng		96
13) 1,4-Dichlorobenzene	6.716	146	848154	47.093	ng		97
14) 1,2-Dichlorobenzene	6.869	146	813451	49.687	ng		98
15) Benzyl Alcohol	6.845	79	669933	54.253	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	1021282	47.761	ng	#	52
17) 2-Methylphenol	6.957	107	666345	49.105	ng	#	87
18) Hexachloroethane	7.210	117	310330	47.717	ng		96
19) n-Nitroso-di-n-propyla...	7.128	70	532136	48.215	ng		93
20) 3+4-Methylphenols	7.116	107	744270	46.771	ng	#	73
22) Acetophenone	7.116	105	1057462	46.276	ng	#	93
24) Nitrobenzene	7.287	77	789571	46.648	ng		98
25) Isophorone	7.528	82	1622906	50.381	ng		99
26) 2-Nitrophenol	7.598	139	352308	44.578	ng		97
27) 2,4-Dimethylphenol	7.640	122	756639	55.979	ng		98
28) bis(2-Chloroethoxy)met...	7.740	93	1002530	51.810	ng		99
29) 2,4-Dichlorophenol	7.840	162	702960	48.621	ng		99
30) 1,2,4-Trichlorobenzene	7.922	180	684645	44.911	ng		98
31) Naphthalene	8.004	128	2293814	44.466	ng		99
32) Benzoic acid	7.787	122	460071	42.552	ng		98
33) 4-Chloroaniline	8.057	127	667153	32.011	ng		96
34) Hexachlorobutadiene	8.122	225	390342	44.709	ng		99
35) Caprolactam	8.445	113	204900m	45.733	ng		
36) 4-Chloro-3-methylphenol	8.539	107	763128	52.162	ng		97
37) 2-Methylnaphthalene	8.692	142	1538986	46.313	ng		99
38) 1-Methylnaphthalene	8.792	142	1460878	45.229	ng		98
40) 1,2,4,5-Tetrachloroben...	8.857	216	648850	44.225	ng		98
41) Hexachlorocyclopentadiene	8.845	237	817224	106.583	ng		97
43) 2,4,6-Trichlorophenol	8.969	196	499124	47.661	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.010	196	521626	45.954	ng		96
46)	1,1'-Biphenyl	9.157	154	1822059	44.575	ng		98
47)	2-Chloronaphthalene	9.181	162	1461414	44.621	ng		99
48)	2-Nitroaniline	9.281	65	420304	52.077	ng		91
49)	Acenaphthylene	9.598	152	2235524	44.950	ng		99
50)	Dimethylphthalate	9.469	163	1816627	47.403	ng		99
51)	2,6-Dinitrotoluene	9.528	165	381787	51.098	ng		94
52)	Acenaphthene	9.769	154	1550499m	49.468	ng		
53)	3-Nitroaniline	9.692	138	327151	38.147	ng		98
54)	2,4-Dinitrophenol	9.798	184	341021	98.455	ng		96
55)	Dibenzofuran	9.939	168	2025750	45.135	ng		97
56)	4-Nitrophenol	9.863	139	706944	106.922	ng		90
57)	2,4-Dinitrotoluene	9.928	165	498148	57.908	ng		93
58)	Fluorene	10.281	166	1499021	43.895	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.057	232	411982	46.730	ng	#	77
60)	Diethylphthalate	10.169	149	1747023	47.122	ng		99
61)	4-Chlorophenyl-phenyle...	10.275	204	695472	46.069	ng		99
62)	4-Nitroaniline	10.316	138	442570	53.062	ng		96
63)	Azobenzene	10.433	77	1660528	45.490	ng		97
65)	4,6-Dinitro-2-methylph...	10.333	198	215966	46.736	ng		96
66)	n-Nitrosodiphenylamine	10.398	169	1487406	45.153	ng		99
67)	4-Bromophenyl-phenylether	10.763	248	504505	46.028	ng		97
68)	Hexachlorobenzene	10.822	284	553861	46.375	ng		95
69)	Atrazine	10.933	200	496790	53.308	ng		99
70)	Pentachlorophenol	11.016	266	626514	93.811	ng		97
71)	Phenanthrene	11.239	178	2290801	42.866	ng		98
72)	Anthracene	11.292	178	2305443	43.884	ng		98
73)	Carbazole	11.445	167	2237338	46.184	ng		99
74)	Di-n-butylphthalate	11.780	149	2610811	44.693	ng		99
75)	Fluoranthene	12.422	202	2359557	44.526	ng		97
77)	Benzidine	12.551	184	1221042	85.006	ng		100
78)	Pyrene	12.651	202	2360752	49.471	ng		99
80)	Butylbenzylphthalate	13.274	149	935628	49.294	ng		99
81)	Benzo(a)anthracene	13.827	228	1641207	45.014	ng		99
82)	3,3'-Dichlorobenzidine	13.798	252	351892	30.949	ng		100
83)	Chrysene	13.869	228	1624564	45.194	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.833	149	963555	40.841	ng		99
85)	Di-n-octyl phthalate	14.439	149	1539388	41.306	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.580	276	1560091	51.237	ng		96
88)	Benzo(b)fluoranthene	14.839	252	1526005	49.574	ng		98
89)	Benzo(k)fluoranthene	14.874	252	1329540	44.659	ng		98
90)	Benzo(a)pyrene	15.180	252	1245827	50.934	ng		98
91)	Dibenzo(a,h)anthracene	16.604	278	1328858	53.336	ng	#	96
92)	Benzo(g,h,i)perylene	16.992	276	1379593	55.344	ng	#	94

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

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