Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
Data File : BF131347.D
Acq On : 23 Nov 2022 00:25
Operator : CG\JU
Sample : N5740-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 23 04:21:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 01:17:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MH-12MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	96501	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	336777	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	176131	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	269412	20.000	ng		0.00
76) Chrysene-d12	14.174	240	178610	20.000	ng		0.00
86) Perylene-d12	15.709	264	197393	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	613347	120.966	ng		0.01
7) Phenol-d6	6.587	99	761260	117.673	ng		0.00
23) Nitrobenzene-d5	7.534	82	493114	73.809	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	188057	126.911	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	853862	70.528	ng		0.00
79) Terphenyl-d14	13.110	244	650789	59.583	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	101901	42.155	ng		98
3) Pyridine	3.598	79	265631	39.575	ng		98
4) n-Nitrosodimethylamine	3.569	42	176888	44.688	ng		98
6) Aniline	6.628	93	183642m	21.660	ng		
8) 2-Chlorophenol	6.745	128	281810	49.058	ng		98
9) Benzaldehyde	6.516	77	159958	40.306	ng		98
10) Phenol	6.598	94	337029	46.988	ng		97
11) bis(2-Chloroethyl)ether	6.698	93	270729	45.050	ng		99
12) 1,3-Dichlorobenzene	6.904	146	308281	45.029	ng		97
13) 1,4-Dichlorobenzene	6.981	146	308272	44.314	ng		98
14) 1,2-Dichlorobenzene	7.134	146	296075	46.223	ng		98
15) Benzyl Alcohol	7.104	79	255477	48.163	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	494150	42.996	ng		98
17) 2-Methylphenol	7.210	107	224748	45.905	ng		99
18) Hexachloroethane	7.481	117	115964	46.599	ng		95
19) n-Nitroso-di-n-propyla...	7.381	70	206634	43.632	ng		96
20) 3+4-Methylphenols	7.363	107	286627	45.851	ng		94
22) Acetophenone	7.381	105	393276	45.877	ng	#	96
24) Nitrobenzene	7.551	77	313549	45.045	ng		100
25) Isophorone	7.792	82	562892	47.225	ng		97
26) 2-Nitrophenol	7.869	139	134932	57.859	ng		93
27) 2,4-Dimethylphenol	7.898	122	250818	54.280	ng		99
28) bis(2-Chloroethoxy)met...	8.004	93	330528	48.823	ng		99
29) 2,4-Dichlorophenol	8.110	162	236018	47.089	ng		96
30) 1,2,4-Trichlorobenzene	8.192	180	271226	43.682	ng		99
31) Naphthalene	8.281	128	781880	43.567	ng		99
32) Benzoic acid	7.998	122	113366	41.593	ng		87
33) 4-Chloroaniline	8.322	127	42176	5.957	ng		95
34) Hexachlorobutadiene	8.392	225	175700	43.700	ng		99
35) Caprolactam	8.698	113	67526m	51.269	ng		
36) 4-Chloro-3-methylphenol	8.798	107	253636	48.708	ng		93
37) 2-Methylnaphthalene	8.969	142	520210	42.781	ng		98
38) 1-Methylnaphthalene	9.075	142	484360	41.077	ng		100
40) 1,2,4,5-Tetrachloroben...	9.133	216	270092	47.255	ng		99
41) Hexachlorocyclopentadiene	9.122	237	275928	107.388	ng		98
43) 2,4,6-Trichlorophenol	9.245	196	173254	53.433	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.280	196	182758	50.125	ng		96
46)	1,1'-Biphenyl	9.439	154	636793	47.377	ng		99
47)	2-Chloronaphthalene	9.463	162	497698	46.159	ng		99
48)	2-Nitroaniline	9.557	65	166232	50.777	ng		99
49)	Acenaphthylene	9.880	152	745501	45.357	ng		100
50)	Dimethylphthalate	9.739	163	570890	46.521	ng		98
51)	2,6-Dinitrotoluene	9.798	165	123899	50.485	ng		94
52)	Acenaphthene	10.057	154	485446	47.166	ng		99
53)	3-Nitroaniline	9.969	138	54293	21.530	ng		97
54)	2,4-Dinitrophenol	10.075	184	72785	69.266	ng	#	84
55)	Dibenzofuran	10.227	168	653250	44.117	ng		100
56)	4-Nitrophenol	10.122	139	165051	94.305	ng		98
57)	2,4-Dinitrotoluene	10.204	165	153554	49.728	ng		100
58)	Fluorene	10.574	166	497932	43.088	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.339	232	140819	46.376	ng		100
60)	Diethylphthalate	10.439	149	534312	46.112	ng		99
61)	4-Chlorophenyl-phenyle...	10.563	204	263478	44.476	ng		98
62)	4-Nitroaniline	10.586	138	99964	39.830	ng		96
63)	Azobenzene	10.722	77	531572	42.665	ng		98
65)	4,6-Dinitro-2-methylph...	10.610	198	53675	46.791	ng		86
66)	n-Nitrosodiphenylamine	10.680	169	434748	50.642	ng		99
67)	4-Bromophenyl-phenylether	11.057	248	162335	49.163	ng		99
68)	Hexachlorobenzene	11.116	284	169914	48.484	ng		99
69)	Atrazine	11.210	200	147540	55.820	ng		99
70)	Pentachlorophenol	11.310	266	164729	80.839	ng		99
71)	Phenanthrene	11.539	178	650261	44.661	ng		99
72)	Anthracene	11.592	178	655217	45.791	ng		99
73)	Carbazole	11.745	167	540244	44.262	ng		99
74)	Di-n-butylphthalate	12.074	149	700081	48.675	ng		99
75)	Fluoranthene	12.733	202	605232	39.449	ng		99
77)	Benzidine	12.857	184	211512	64.111	ng		97
78)	Pyrene	12.968	202	599348	38.033	ng		100
80)	Butylbenzylphthalate	13.586	149	230720	43.905	ng		97
81)	Benzo(a)anthracene	14.162	228	562971	45.984	ng		98
82)	3,3'-Dichlorobenzidine	14.121	252	98603	30.351	ng		99
83)	Chrysene	14.198	228	532922	44.368	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.145	149	316693	45.245	ng		100
85)	Di-n-octyl phthalate	14.774	149	565705	54.388	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.292	276	527497	39.788	ng		99
88)	Benzo(b)fluoranthene	15.257	252	596563	45.493	ng		100
89)	Benzo(k)fluoranthene	15.286	252	603582	44.790	ng		98
90)	Benzo(a)pyrene	15.651	252	528146	49.085	ng		99
91)	Dibenzo(a,h)anthracene	17.315	278	450283	41.138	ng		98
92)	Benzo(g,h,i)perylene	17.768	276	404090	36.989	ng		98

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

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