Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130648.D
Acq On : 13 Oct 2022 15:43
Operator : CG\JU
Sample : N5083-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 14 06:00:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-2-MOUNT-LAUREL-VOC-2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	76091	20.000	ng		0.00
21) Naphthalene-d8	7.869	136	300248	20.000	ng		0.00
39) Acenaphthene-d10	9.622	164	166529	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	285054	20.000	ng		0.00
76) Chrysene-d12	13.727	240	154137	20.000	ng		0.00
86) Perylene-d12	15.104	264	145964	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.198	112	507587	120.244	ng		0.01
7) Phenol-d6	6.240	99	637683	120.151	ng		0.00
23) Nitrobenzene-d5	7.163	82	386053	70.192	ng		0.00
42) 2,4,6-Tribromophenol	10.410	330	215854	132.468	ng		0.00
45) 2-Fluorobiphenyl	8.951	172	781432	71.079	ng		0.00
79) Terphenyl-d14	12.680	244	781126	84.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.246	88	84512	33.092	ng		97
3) Pyridine	2.899	79	202518	44.331	ng		96
4) n-Nitrosodimethylamine	2.869	42	112892	52.450	ng		88
6) Aniline	6.257	93	273984	43.119	ng	#	73
8) 2-Chlorophenol	6.375	128	261625	52.702	ng		98
9) Benzaldehyde	6.140	77	120619	36.173	ng		99
10) Phenol	6.251	94	315294	51.343	ng		94
11) bis(2-Chloroethyl)ether	6.334	93	229867	51.531	ng		99
12) 1,3-Dichlorobenzene	6.528	146	276299	50.833	ng		98
13) 1,4-Dichlorobenzene	6.604	146	282595	51.249	ng		98
14) 1,2-Dichlorobenzene	6.757	146	268837	52.349	ng		97
15) Benzyl Alcohol	6.745	79	203039	53.285	ng		100
16) 2,2'-oxybis(1-Chloropr...	6.875	45	280099	48.807	ng		91
17) 2-Methylphenol	6.863	107	210180	53.225	ng		97
18) Hexachloroethane	7.092	117	106632	51.116	ng		95
19) n-Nitroso-di-n-propyla...	7.016	70	174501	50.961	ng		99
20) 3+4-Methylphenols	7.016	107	265147	50.109	ng		99
22) Acetophenone	7.010	105	367394	51.009	ng	#	99
24) Nitrobenzene	7.181	77	266968	48.267	ng		99
25) Isophorone	7.422	82	473043	51.677	ng		98
26) 2-Nitrophenol	7.492	139	139256	51.339	ng	#	89
27) 2,4-Dimethylphenol	7.540	122	220953	58.445	ng		98
28) bis(2-Chloroethoxy)met...	7.634	93	285149	53.798	ng		99
29) 2,4-Dichlorophenol	7.739	162	220008	52.014	ng		98
30) 1,2,4-Trichlorobenzene	7.816	180	229156	50.254	ng		97
31) Naphthalene	7.892	128	748141	48.136	ng		99
32) Benzoic acid	7.698	122	125879	52.632	ng		96
33) 4-Chloroaniline	7.951	127	185173	30.756	ng		99
34) Hexachlorobutadiene	8.010	225	145054	51.252	ng		97
35) Caprolactam	8.339	113	65606m	51.552	ng		
36) 4-Chloro-3-methylphenol	8.451	107	236218	51.486	ng		99
37) 2-Methylnaphthalene	8.586	142	499353	51.055	ng		98
38) 1-Methylnaphthalene	8.681	142	474446	49.969	ng		98
40) 1,2,4,5-Tetrachloroben...	8.751	216	236624	52.372	ng		98
41) Hexachlorocyclopentadiene	8.734	237	197225	109.952	ng		99
43) 2,4,6-Trichlorophenol	8.869	196	156423	51.562	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	8.916	196	168169	50.408	ng	94
46)	1,1'-Biphenyl	9.051	154	625281	51.811	ng	99
47)	2-Chloronaphthalene	9.075	162	483779	49.047	ng	98
48)	2-Nitroaniline	9.181	65	142577	48.018	ng	96
49)	Acenaphthylene	9.486	152	722680	48.899	ng	99
50)	Dimethylphthalate	9.363	163	576040	49.970	ng	99
51)	2,6-Dinitrotoluene	9.422	165	129668	51.279	ng	97
52)	Acenaphthene	9.657	154	438239	48.943	ng	99
53)	3-Nitroaniline	9.592	138	90939	32.808	ng	99
54)	2,4-Dinitrophenol	9.704	184	110929	85.711	ng	93
55)	Dibenzofuran	9.828	168	676634	49.604	ng	99
56)	4-Nitrophenol	9.775	139	154527	101.109	ng	99
57)	2,4-Dinitrotoluene	9.828	165	170146	52.355	ng	91
58)	Fluorene	10.169	166	553751	49.378	ng	99
59)	2,3,4,6-Tetrachlorophenol	9.951	232	129034	48.514	ng	97
60)	Diethylphthalate	10.057	149	567006	49.298	ng	98
61)	4-Chlorophenyl-phenyle...	10.163	204	264019	52.074	ng	98
62)	4-Nitroaniline	10.210	138	117535	44.413	ng	98
63)	Azobenzene	10.322	77	495981	45.784	ng	98
65)	4,6-Dinitro-2-methylph...	10.233	198	82309	46.205	ng	89
66)	n-Nitrosodiphenylamine	10.286	169	472865	49.870	ng	99
67)	4-Bromophenyl-phenylether	10.651	248	170900	52.987	ng	97
68)	Hexachlorobenzene	10.710	284	194802	53.428	ng	97
69)	Atrazine	10.822	200	157375	60.951	ng	98
70)	Pentachlorophenol	10.916	266	146330	103.120	ng	98
71)	Phenanthrene	11.128	178	769204	48.705	ng	99
72)	Anthracene	11.180	178	782223	50.714	ng	100
73)	Carbazole	11.339	167	670816	48.740	ng	99
74)	Di-n-butylphthalate	11.669	149	850579	51.019	ng	99
75)	Fluoranthene	12.310	202	732307	48.246	ng	99
77)	Benzidine	12.439	184	282831	72.595	ng	98
78)	Pyrene	12.533	202	721508	54.259	ng	100
80)	Butylbenzylphthalate	13.163	149	279872	54.735	ng	98
81)	Benzo(a)anthracene	13.721	228	504570	48.582	ng	99
82)	3,3'-Dichlorobenzidine	13.686	252	127279	42.409	ng	98
83)	Chrysene	13.757	228	465678	47.290	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.721	149	336094	54.218	ng	100
85)	Di-n-octyl phthalate	14.327	149	484004	50.982	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.398	276	572061	52.363	ng	98
88)	Benzo(b)fluoranthene	14.727	252	477081	51.617	ng	99
89)	Benzo(k)fluoranthene	14.751	252	457047	48.564	ng	99
90)	Benzo(a)pyrene	15.051	252	416737	54.174	ng	98
91)	Dibenzo(a,h)anthracene	16.410	278	497783	55.587	ng	99
92)	Benzo(g,h,i)perylene	16.786	276	486545	58.334	ng	98

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

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