Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131063.D
Acq On : 08 Nov 2022 13:06
Operator : CG\JU
Sample : N5460-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 08 13:52:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 01:40:43 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SH-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/09/2022
Supervised By :Jagrut Upadhyay 11/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	78138	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	187521	20.000	ng	#	0.00
39) Acenaphthene-d10	9.945	164	105916	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	176434	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	114912	20.000	ng		0.00
86) Perylene-d12	15.586	264	140968	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	559038	115.366	ng		0.01
7) Phenol-d6	6.528	99	652971	110.401	ng		0.00
23) Nitrobenzene-d5	7.469	82	293446	72.536	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	125107	107.286	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	767966	98.814	ng		0.00
79) Terphenyl-d14	13.027	244	474915	66.260	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.758	88	98117	42.590	ng		98
3) Pyridine	3.516	79	251154	39.219	ng		99
4) n-Nitrosodimethylamine	3.481	42	160922	44.688	ng		97
6) Aniline	6.563	93	282546	38.412	ng		98
8) 2-Chlorophenol	6.687	128	219870	40.788	ng		99
9) Benzaldehyde	6.457	77	156311	45.752	ng		99
10) Phenol	6.546	94	284176	41.001	ng		97
11) bis(2-Chloroethyl)ether	6.640	93	213578	42.481	ng		97
12) 1,3-Dichlorobenzene	6.840	146	261456	44.072	ng		98
13) 1,4-Dichlorobenzene	6.916	146	257314	41.650	ng		97
14) 1,2-Dichlorobenzene	7.069	146	245558	40.664	ng		98
15) Benzyl Alcohol	7.045	79	185455	35.898	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	364901	41.736	ng		99
17) 2-Methylphenol	7.151	107	171729	38.077	ng		99
18) Hexachloroethane	7.410	117	67095	28.667	ng		94
19) n-Nitroso-di-n-propyla...	7.316	70	109758	26.040	ng		99
20) 3+4-Methylphenols	7.304	107	143962	24.682	ng	#	79
22) Acetophenone	7.310	105	215362	43.138	ng	#	91
24) Nitrobenzene	7.487	77	168991	40.729	ng		98
25) Isophorone	7.722	82	287013	41.391	ng		97
26) 2-Nitrophenol	7.798	139	72999	41.311	ng	#	80
27) 2,4-Dimethylphenol	7.834	122	123974m	45.407	ng		
28) bis(2-Chloroethoxy)met...	7.934	93	164500	42.955	ng		99
29) 2,4-Dichlorophenol	8.040	162	116730	39.696	ng		95
30) 1,2,4-Trichlorobenzene	8.122	180	134404	41.918	ng		98
31) Naphthalene	8.210	128	409490	39.956	ng		99
32) Benzoic acid	7.957	122	58900	31.667	ng		88
33) 4-Chloroaniline	8.257	127	104462	26.065	ng		97
34) Hexachlorobutadiene	8.322	225	97147	46.410	ng		99
35) Caprolactam	8.628	113	37653m	41.734	ng		
36) 4-Chloro-3-methylphenol	8.739	107	193139	60.854	ng		99
37) 2-Methylnaphthalene	8.898	142	425775	65.301	ng		100
38) 1-Methylnaphthalene	8.998	142	391363	62.861	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	213490	62.533	ng		99
41) Hexachlorocyclopentadiene	9.051	237	241265	153.312	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	123560	54.267	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	132134	51.753	ng		92
46) 1,1'-Biphenyl	9.363	154	459426	55.690	ng		98
47) 2-Chloronaphthalene	9.392	162	394578	58.996	ng		98
48) 2-Nitroaniline	9.487	65	133551	54.330	ng		93
49) Acenaphthylene	9.810	152	403296	39.239	ng		100
50) Dimethylphthalate	9.669	163	299991	36.649	ng		98
51) 2,6-Dinitrotoluene	9.734	165	66210	38.023	ng		96
52) Acenaphthene	9.981	154	241213	38.327	ng		97
53) 3-Nitroaniline	9.904	138	45028	23.959	ng		96
54) 2,4-Dinitrophenol	10.010	184	69370	79.116	ng		86
55) Dibenzofuran	10.157	168	352878	41.276	ng		96
56) 4-Nitrophenol	10.063	139	89803	67.700	ng	#	73
57) 2,4-Dinitrotoluene	10.139	165	87653	38.746	ng		93
58) Fluorene	10.498	166	283571	37.262	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	74708	35.918	ng		96
60) Diethylphthalate	10.369	149	302163	35.421	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	142369	37.770	ng	#	88
62) 4-Nitroaniline	10.522	138	61398	31.870	ng	#	82
63) Azobenzene	10.651	77	304673	36.745	ng		98
65) 4,6-Dinitro-2-methylph...	10.545	198	44289	39.559	ng		81
66) n-Nitrosodiphenylamine	10.610	169	247834	39.752	ng		99
67) 4-Bromophenyl-phenylether	10.981	248	86893	39.197	ng		95
68) Hexachlorobenzene	11.045	284	94871	39.454	ng		98
69) Atrazine	11.133	200	81436	45.920	ng		97
70) Pentachlorophenol	11.239	266	84573	81.064	ng		98
71) Phenanthrene	11.463	178	386419	38.883	ng		99
72) Anthracene	11.516	178	393319	40.322	ng		100
73) Carbazole	11.675	167	329825	39.520	ng		99
74) Di-n-butylphthalate	11.998	149	428849	38.364	ng		99
75) Fluoranthene	12.657	202	380167	36.039	ng		97
77) Benzidine	12.780	184	209272	67.515	ng		97
78) Pyrene	12.886	202	379675	36.279	ng		99
80) Butylbenzylphthalate	13.504	149	159256	38.626	ng		98
81) Benzo(a)anthracene	14.080	228	326682	39.153	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	90521	39.924	ng		97
83) Chrysene	14.116	228	298783	37.708	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	215488	45.621	ng		99
85) Di-n-octyl phthalate	14.674	149	460488	68.411	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	490401	41.955	ng		99
88) Benzo(b)fluoranthene	15.145	252	454032	44.321	ng		99
89) Benzo(k)fluoranthene	15.180	252	352951	35.363	ng		97
90) Benzo(a)pyrene	15.527	252	338906	41.612	ng		98
91) Dibenzo(a,h)anthracene	17.133	278	412649	42.946	ng		100
92) Benzo(g,h,i)perylene	17.580	276	422239	43.109	ng		98

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

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