Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132116.D
Acq On : 18 Jan 2023 13:17
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 18 14:01:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 13:30:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.101	152	235762	20.000	ng		0.00
21) Naphthalene-d8	8.389	136	821130	20.000	ng		0.00
39) Acenaphthene-d10	10.154	164	425683	20.000	ng		0.00
64) Phenanthrene-d10	11.654	188	810871	20.000	ng		0.00
76) Chrysene-d12	14.318	240	380078	20.000	ng		0.00
86) Perylene-d12	15.912	264	380389	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.725	112	1361141	95.958	ng		0.00
7) Phenol-d6	6.719	99	1771430	96.849	ng		0.00
23) Nitrobenzene-d5	7.672	82	1740467	108.695	ng		0.00
42) 2,4,6-Tribromophenol	10.954	330	521648	108.524	ng		0.00
45) 2-Fluorobiphenyl	9.466	172	2576831	91.519	ng		0.00
79) Terphenyl-d14	13.248	244	2595484	106.137	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.084	88	377727	51.995	ng		99
3) Pyridine	3.831	79	1050802	54.731	ng		97
4) n-Nitrosodimethylamine	3.807	42	525051	57.357	ng		98
6) Aniline	6.772	93	1336768m	53.537	ng		
8) 2-Chlorophenol	6.890	128	712277	46.808	ng		99
9) Benzaldehyde	6.654	77	552624	43.888	ng		99
10) Phenol	6.737	94	913774	48.520	ng		99
11) bis(2-Chloroethyl)ether	6.837	93	793821	49.829	ng		99
12) 1,3-Dichlorobenzene	7.042	146	796930	47.937	ng		96
13) 1,4-Dichlorobenzene	7.119	146	793387	47.534	ng		97
14) 1,2-Dichlorobenzene	7.278	146	687141	44.694	ng		99
15) Benzyl Alcohol	7.242	79	756281	56.145	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.372	45	1173328	49.266	ng		99
17) 2-Methylphenol	7.337	107	674384	50.212	ng		97
18) Hexachloroethane	7.619	117	308384	51.134	ng		91
19) n-Nitroso-di-n-propyla...	7.519	70	561825	49.647	ng		98
20) 3+4-Methylphenols	7.501	107	791230	46.343	ng	#	85
22) Acetophenone	7.513	105	956613	46.939	ng	#	99
24) Nitrobenzene	7.689	77	893657	52.795	ng		98
25) Isophorone	7.925	82	1749251	55.083	ng		100
26) 2-Nitrophenol	8.001	139	396249	59.703	ng		98
27) 2,4-Dimethylphenol	8.031	122	701471	50.522	ng		100
28) bis(2-Chloroethoxy)met...	8.131	93	933055	49.593	ng		100
29) 2,4-Dichlorophenol	8.242	162	667893	51.624	ng		100
30) 1,2,4-Trichlorobenzene	8.325	180	712997	49.933	ng		99
31) Naphthalene	8.413	128	2059392	47.520	ng		99
32) Benzoic acid	8.166	122	580458m	74.243	ng		
33) 4-Chloroaniline	8.454	127	917414	48.614	ng		99
34) Hexachlorobutadiene	8.525	225	486728	52.305	ng		99
35) Caprolactam	8.854	113	225788m	54.820	ng		
36) 4-Chloro-3-methylphenol	8.931	107	707159	52.842	ng		96
37) 2-Methylnaphthalene	9.101	142	1411320	46.730	ng		99
38) 1-Methylnaphthalene	9.207	142	1328968	46.812	ng		100
40) 1,2,4,5-Tetrachloroben...	9.266	216	729574	50.378	ng		99
41) Hexachlorocyclopentadiene	9.254	237	472368	66.429	ng		100
43) 2,4,6-Trichlorophenol	9.378	196	523509	58.524	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.413	196	598401	53.560	ng	100
46)	1,1'-Biphenyl	9.572	154	1619471	48.033	ng	99
47)	2-Chloronaphthalene	9.601	162	1289927	49.480	ng	100
48)	2-Nitroaniline	9.689	65	502333	59.554	ng	100
49)	Acenaphthylene	10.019	152	2082743	49.119	ng	100
50)	Dimethylphthalate	9.872	163	1650899	50.750	ng	100
51)	2,6-Dinitrotoluene	9.931	165	375814	55.551	ng	99
52)	Acenaphthene	10.189	154	1266339	49.696	ng	98
53)	3-Nitroaniline	10.107	138	396551	55.339	ng	95
54)	2,4-Dinitrophenol	10.207	184	184318	76.245	ng	91
55)	Dibenzofuran	10.366	168	1884660	47.376	ng	99
56)	4-Nitrophenol	10.248	139	293554	58.409	ng	93
57)	2,4-Dinitrotoluene	10.336	165	480976	58.329	ng	98
58)	Fluorene	10.707	166	1375543	46.453	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.472	232	459527	51.872	ng	97
60)	Diethylphthalate	10.572	149	1622532	49.307	ng	99
61)	4-Chlorophenyl-phenyle...	10.695	204	746249	46.994	ng	94
62)	4-Nitroaniline	10.730	138	360011	55.956	ng	98
63)	Azobenzene	10.860	77	1562688	48.523	ng	98
65)	4,6-Dinitro-2-methylph...	10.748	198	256343	71.009	ng	96
66)	n-Nitrosodiphenylamine	10.819	169	1280091	49.360	ng	100
67)	4-Bromophenyl-phenylether	11.189	248	496731	51.291	ng	94
68)	Hexachlorobenzene	11.260	284	509203	52.484	ng	93
69)	Atrazine	11.342	200	441698	51.250	ng	99
70)	Pentachlorophenol	11.448	266	384316	59.898	ng	98
71)	Phenanthrene	11.683	178	2040455	47.349	ng	100
72)	Anthracene	11.736	178	2073714	47.311	ng	100
73)	Carbazole	11.883	167	1826530	47.837	ng	100
74)	Di-n-butylphthalate	12.207	149	2220164	47.959	ng	100
75)	Fluoranthene	12.877	202	2147082	46.121	ng	99
77)	Benzidine	12.989	184	585831	54.744	ng	97
78)	Pyrene	13.113	202	2085468	55.526	ng	99
80)	Butylbenzylphthalate	13.719	149	792794	61.636	ng	98
81)	Benzo(a)anthracene	14.307	228	1503853	54.881	ng	99
82)	3,3'-Dichlorobenzidine	14.260	252	436461	61.651	ng	99
83)	Chrysene	14.342	228	1401339	54.178	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.277	149	994273	58.141	ng	99
85)	Di-n-octyl phthalate	14.918	149	1465344	69.635	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.589	276	1487488	68.320	ng	100
88)	Benzo(b)fluoranthene	15.430	252	1328059	53.684	ng	100
89)	Benzo(k)fluoranthene	15.471	252	1301877	51.497	ng	99
90)	Benzo(a)pyrene	15.848	252	1281269	58.322	ng	100
91)	Dibenzo(a,h)anthracene	17.612	278	1179464	66.858	ng	99
92)	Benzo(g,h,i)perylene	18.101	276	1242905	67.947	ng	99

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

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