Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130050.D
Acq On : 31 Aug 2022 13:59
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 15:59:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 15:58:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	258329	20.000	ng		0.00
21) Naphthalene-d8	7.987	136	1017668	20.000	ng	#	0.00
39) Acenaphthene-d10	9.733	164	546137	20.000	ng		-0.01
64) Phenanthrene-d10	11.216	188	912228	20.000	ng	#	0.00
76) Chrysene-d12	13.845	240	675911	20.000	ng	#	-0.01
86) Perylene-d12	15.251	264	581717	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.298	112	176003	11.281	ng		-0.01
7) Phenol-d6	6.322	99	217071	11.110	ng		-0.02
23) Nitrobenzene-d5	7.263	82	141240	7.430	ng		-0.02
42) 2,4,6-Tribromophenol	10.516	330	48251	8.803	ng		-0.02
45) 2-Fluorobiphenyl	9.057	172	412549	11.473	ng		-0.01
79) Terphenyl-d14	12.798	244	411216	10.123	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.393	88	38277	5.946	ng		94
3) Pyridine	3.105	79	99351	5.898	ng		95
4) n-Nitrosodimethylamine	3.022	42	37830	4.873	ng	#	85
6) Aniline	6.363	93	129637	5.821	ng	#	49
8) 2-Chlorophenol	6.481	128	92676	5.336	ng		99
9) Benzaldehyde	6.251	77	70673	6.127	ng		94
10) Phenol	6.334	94	123828m	5.778	ng		
11) bis(2-Chloroethyl)ether	6.440	93	93339	5.735	ng		97
12) 1,3-Dichlorobenzene	6.640	146	106501	5.680	ng		96
13) 1,4-Dichlorobenzene	6.722	146	108905	5.684	ng		95
14) 1,2-Dichlorobenzene	6.869	146	103694	5.827	ng		96
15) Benzyl Alcohol	6.840	79	71862	4.872	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	124959	5.730	ng	#	49
17) 2-Methylphenol	6.951	107	76952	5.518	ng	#	84
18) Hexachloroethane	7.216	117	35905	4.990	ng		96
19) n-Nitroso-di-n-propyla...	7.110	70	64776	5.245	ng		97
20) 3+4-Methylphenols	7.104	107	99308	5.305	ng	#	82
22) Acetophenone	7.110	105	133462	5.382	ng	#	98
24) Nitrobenzene	7.281	77	79459	4.145	ng		96
25) Isophorone	7.522	82	165447	5.056	ng		97
26) 2-Nitrophenol	7.604	139	20543	2.179	ng	#	87
27) 2,4-Dimethylphenol	7.640	122	71495	5.287	ng		97
28) bis(2-Chloroethoxy)met...	7.740	93	104879	5.490	ng		100
29) 2,4-Dichlorophenol	7.834	162	73591	4.977	ng		97
30) 1,2,4-Trichlorobenzene	7.928	180	86275	5.531	ng		96
31) Naphthalene	8.004	128	301263	5.662	ng		99
33) 4-Chloroaniline	8.057	127	114994	5.496	ng		97
34) Hexachlorobutadiene	8.128	225	48127	5.067	ng		99
35) Caprolactam	8.392	113	19744	4.294	ng		91
36) 4-Chloro-3-methylphenol	8.528	107	75382	4.726	ng		95
37) 2-Methylnaphthalene	8.698	142	195079	5.586	ng		97
38) 1-Methylnaphthalene	8.792	142	189208	5.575	ng		98
40) 1,2,4,5-Tetrachloroben...	8.857	216	80610	5.307	ng		99
41) Hexachlorocyclopentadiene	8.851	237	32199	10.041	ng		99
43) 2,4,6-Trichlorophenol	8.969	196	48593	4.924	ng		97
44) 2,4,5-Trichlorophenol	9.004	196	53624	5.050	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.157	154	232723	5.609	ng		98
47) 2-Chloronaphthalene	9.181	162	183045	5.576	ng		98
48) 2-Nitroaniline	9.275	65	25617	2.469	ng		96
49) Acenaphthylene	9.592	152	276278	5.550	ng		99
50) Dimethylphthalate	9.457	163	206452	5.273	ng		99
51) 2,6-Dinitrotoluene	9.522	165	29172	3.435	ng		91
52) Acenaphthene	9.769	154	172530	5.713	ng		99
53) 3-Nitroaniline	9.686	138	34145	3.636	ng	#	97
55) Dibenzofuran	9.939	168	257547	5.676	ng		97
56) 4-Nitrophenol	9.834	139	24568	5.880	ng		94
57) 2,4-Dinitrotoluene	9.916	165	30359	2.754	ng	#	91
58) Fluorene	10.281	166	204492	5.398	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.051	232	43044	5.524	ng	#	79
60) Diethylphthalate	10.157	149	197563	5.061	ng		97
61) 4-Chlorophenyl-phenyle...	10.281	204	90066	5.297	ng		94
62) 4-Nitroaniline	10.292	138	33429	3.528	ng		96
63) Azobenzene	10.433	77	200553	5.375	ng		97
66) n-Nitrosodiphenylamine	10.392	169	174889	5.680	ng		98
67) 4-Bromophenyl-phenylether	10.769	248	57082	5.342	ng	#	87
68) Hexachlorobenzene	10.822	284	60989	5.270	ng		97
69) Atrazine	10.922	200	47117	4.986	ng		100
70) Pentachlorophenol	11.016	266	26500	8.981	ng		95
71) Phenanthrene	11.239	178	298560	5.860	ng		98
72) Anthracene	11.292	178	286006	5.645	ng		98
73) Carbazole	11.445	167	260555	5.665	ng		98
74) Di-n-butylphthalate	11.786	149	295835	4.998	ng		98
75) Fluoranthene	12.422	202	293314	5.626	ng		97
77) Benzidine	12.551	184	116549	6.515	ng		99
78) Pyrene	12.645	202	305104	5.194	ng		99
80) Butylbenzylphthalate	13.280	149	87486	3.520	ng		97
81) Benzo(a)anthracene	13.833	228	249048	5.356	ng		100
82) 3,3'-Dichlorobenzidine	13.804	252	69064	4.796	ng		100
83) Chrysene	13.869	228	244915	5.627	ng		98
84) Bis(2-ethylhexyl)phtha...	13.839	149	133814	4.538	ng	#	97
85) Di-n-octyl phthalate	14.451	149	187203	4.599	ng		99
87) Indeno(1,2,3-cd)pyrene	16.586	276	168030	4.208	ng		94
88) Benzo(b)fluoranthene	14.845	252	211470	5.309	ng		99
89) Benzo(k)fluoranthene	14.874	252	195207	5.110	ng		98
90) Benzo(a)pyrene	15.186	252	154304	4.919	ng	#	98
91) Dibenzo(a,h)anthracene	16.610	278	136673	4.148	ng	#	95
92) Benzo(g,h,i)perylene	16.992	276	131480	3.999	ng	#	94

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

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