Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130118.D
Acq On : 02 Sep 2022 18:55
Operator : CG\JU
Sample : N4466-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 03 05:49:37 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 18:15:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	236207	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	939734	20.000	ng		0.00
39) Acenaphthene-d10	9.739	164	508838	20.000	ng		0.00
64) Phenanthrene-d10	11.216	188	824870	20.000	ng	#	0.00
76) Chrysene-d12	13.851	240	431190	20.000	ng		0.00
86) Perylene-d12	15.245	264	422294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	1607342	115.522	ng		0.01
7) Phenol-d6	6.340	99	2037715	117.472	ng		0.00
23) Nitrobenzene-d5	7.275	82	1215115	83.099	ng		0.00
42) 2,4,6-Tribromophenol	10.527	330	576554	124.476	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	2221077	72.370	ng		0.00
79) Terphenyl-d14	12.804	244	1972998	79.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	275818	42.418	ng		95
3) Pyridine	3.152	79	730297	41.884	ng		91
4) n-Nitrosodimethylamine	3.116	42	316305	46.128	ng		85
6) Aniline	6.369	93	762496	35.061	ng	#	49
8) 2-Chlorophenol	6.487	128	779916	51.070	ng		100
9) Benzaldehyde	6.251	77	381446	35.927	ng		97
10) Phenol	6.351	94	918479	46.844	ng	#	64
11) bis(2-Chloroethyl)ether	6.445	93	714624	47.969	ng		99
12) 1,3-Dichlorobenzene	6.645	146	784841	46.360	ng		97
13) 1,4-Dichlorobenzene	6.722	146	792806	46.491	ng		98
14) 1,2-Dichlorobenzene	6.875	146	755006	48.706	ng		97
15) Benzyl Alcohol	6.851	79	580725	49.669	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.987	45	922263	45.552	ng	#	52
17) 2-Methylphenol	6.963	107	611000	47.554	ng	#	87
18) Hexachloroethane	7.216	117	295392	47.970	ng		95
19) n-Nitroso-di-n-propyla...	7.128	70	482873	46.207	ng		92
20) 3+4-Methylphenols	7.116	107	680678	45.176	ng	#	74
22) Acetophenone	7.122	105	953885	45.434	ng	#	99
24) Nitrobenzene	7.292	77	756817	48.666	ng		96
25) Isophorone	7.534	82	1447119	48.896	ng		98
26) 2-Nitrophenol	7.604	139	407625	55.229	ng		93
27) 2,4-Dimethylphenol	7.645	122	688877	55.472	ng		97
28) bis(2-Chloroethoxy)met...	7.745	93	906105	50.967	ng		97
29) 2,4-Dichlorophenol	7.845	162	647990	48.781	ng		99
30) 1,2,4-Trichlorobenzene	7.928	180	626716	44.746	ng		99
31) Naphthalene	8.010	128	2096410	44.232	ng		99
32) Benzoic acid	7.781	122	499573	49.095	ng		98
33) 4-Chloroaniline	8.057	127	384502	20.080	ng		96
34) Hexachlorobutadiene	8.128	225	361745	45.097	ng		100
35) Caprolactam	8.439	113	199502m	48.465	ng		
36) 4-Chloro-3-methylphenol	8.545	107	683760	50.869	ng		94
37) 2-Methylnaphthalene	8.698	142	1410944	46.214	ng		99
38) 1-Methylnaphthalene	8.798	142	1349518	45.475	ng		99
40) 1,2,4,5-Tetrachloroben...	8.863	216	595275	44.864	ng		98
41) Hexachlorocyclopentadiene	8.851	237	702094	101.250	ng		97
43) 2,4,6-Trichlorophenol	8.975	196	454501	47.989	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.016	196	465107	45.308	ng		95
46)	1,1'-Biphenyl	9.163	154	1678365	45.402	ng		99
47)	2-Chloronaphthalene	9.186	162	1314148	44.367	ng		100
48)	2-Nitroaniline	9.286	65	395667	54.208	ng		88
49)	Acenaphthylene	9.604	152	2000186	44.470	ng		100
50)	Dimethylphthalate	9.475	163	1580304	45.597	ng		99
51)	2,6-Dinitrotoluene	9.533	165	365382	54.073	ng	#	86
52)	Acenaphthene	9.775	154	1371135m	48.371	ng		
53)	3-Nitroaniline	9.698	138	214733	27.686	ng		93
54)	2,4-Dinitrophenol	9.804	184	286476	92.029	ng	#	87
55)	Dibenzofuran	9.945	168	1813282	44.673	ng		99
56)	4-Nitrophenol	9.863	139	601940	100.667	ng		92
57)	2,4-Dinitrotoluene	9.933	165	451792	58.073	ng	#	89
58)	Fluorene	10.286	166	1331790	43.122	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.063	232	357202	44.801	ng	#	77
60)	Diethylphthalate	10.169	149	1534832	45.776	ng		98
61)	4-Chlorophenyl-phenyle...	10.280	204	613204	44.914	ng		100
62)	4-Nitroaniline	10.316	138	367842	48.766	ng		95
63)	Azobenzene	10.439	77	1455131	44.078	ng		96
65)	4,6-Dinitro-2-methylph...	10.333	198	197892	50.584	ng		97
66)	n-Nitrosodiphenylamine	10.404	169	1265411	45.890	ng		100
67)	4-Bromophenyl-phenylether	10.769	248	434344	47.340	ng		98
68)	Hexachlorobenzene	10.827	284	471676	47.180	ng		95
69)	Atrazine	10.933	200	408101	52.314	ng		98
70)	Pentachlorophenol	11.022	266	503692	90.099	ng		97
71)	Phenanthrene	11.245	178	1944747	43.474	ng		98
72)	Anthracene	11.298	178	1956824	44.498	ng		99
73)	Carbazole	11.451	167	1810642	44.650	ng		99
74)	Di-n-butylphthalate	11.786	149	2259241	46.202	ng		99
75)	Fluoranthene	12.427	202	1883210	42.453	ng		97
77)	Benzidine	12.551	184	782142	67.185	ng		99
78)	Pyrene	12.657	202	1853756	47.931	ng		99
80)	Butylbenzylphthalate	13.280	149	835075	54.285	ng		97
81)	Benzo(a)anthracene	13.839	228	1314238	44.475	ng		99
82)	3,3'-Dichlorobenzidine	13.804	252	264551	28.709	ng		99
83)	Chrysene	13.874	228	1305421	44.808	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.839	149	1000108	52.303	ng		99
85)	Di-n-octyl phthalate	14.451	149	1668292	55.233	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.598	276	1384672	49.707	ng		96
88)	Benzo(b)fluoranthene	14.851	252	1249851m	44.382	ng		
89)	Benzo(k)fluoranthene	14.880	252	1256374	46.129	ng		97
90)	Benzo(a)pyrene	15.192	252	1121138	50.101	ng		98
91)	Dibenzo(a,h)anthracene	16.621	278	1190922	52.247	ng		97
92)	Benzo(g,h,i)perylene	17.009	276	1197662	52.516	ng	#	92

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

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