Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
Data File : BF127201.D
Acq On : 04 Mar 2022 15:22
Operator : CG\JU
Sample : N1796-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 05 02:20:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
C0AB1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	101105	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	418517	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	213715	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	378112	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	236006	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	190133	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	661979	101.196	ng		0.01
7) Phenol-d6	6.516	99	884885	100.248	ng		0.00
23) Nitrobenzene-d5	7.445	82	615702	66.404	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	278063	113.004	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1020515	70.297	ng		0.00
79) Terphenyl-d14	13.004	244	1112076	69.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	119207	39.824	ng		99
3) Pyridine	3.498	79	319414	40.682	ng		96
4) n-Nitrosodimethylamine	3.469	42	169234	44.001	ng	#	75
6) Aniline	6.545	93	325175	31.092	ng		96
8) 2-Chlorophenol	6.669	128	347783	49.550	ng		92
9) Benzaldehyde	6.434	77	225228	41.918	ng		99
10) Phenol	6.528	94	437955m	49.104	ng		
11) bis(2-Chloroethyl)ether	6.616	93	329397	47.087	ng		100
12) 1,3-Dichlorobenzene	6.822	146	354220	46.784	ng		97
13) 1,4-Dichlorobenzene	6.898	146	364520	47.489	ng		98
14) 1,2-Dichlorobenzene	7.045	146	348413	47.598	ng		98
15) Benzyl Alcohol	7.022	79	326210	43.868	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	431234	39.148	ng		89
17) 2-Methylphenol	7.133	107	304795	50.192	ng		92
18) Hexachloroethane	7.386	117	142586	48.462	ng		94
19) n-Nitroso-di-n-propyla...	7.292	70	258307	45.414	ng		97
20) 3+4-Methylphenols	7.286	107	365492	46.350	ng		91
22) Acetophenone	7.292	105	490059	44.473	ng	#	99
24) Nitrobenzene	7.463	77	399933	45.659	ng		96
25) Isophorone	7.704	82	737572	48.073	ng	#	98
26) 2-Nitrophenol	7.781	139	184143	49.377	ng	#	83
27) 2,4-Dimethylphenol	7.816	122	327321	53.427	ng		91
28) bis(2-Chloroethoxy)met...	7.910	93	422983	45.474	ng		99
29) 2,4-Dichlorophenol	8.022	162	281462	48.866	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	300884	46.724	ng		99
31) Naphthalene	8.186	128	1012396	46.340	ng		99
32) Benzoic acid	7.951	122	202554	46.619	ng		93
33) 4-Chloroaniline	8.233	127	125252	14.565	ng		99
34) Hexachlorobutadiene	8.292	225	176409	46.923	ng		98
35) Caprolactam	8.616	113	92373m	45.924	ng		
36) 4-Chloro-3-methylphenol	8.722	107	354068	48.098	ng		96
37) 2-Methylnaphthalene	8.880	142	665826	46.968	ng		98
38) 1-Methylnaphthalene	8.980	142	633458	46.663	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	276640	49.174	ng		99
41) Hexachlorocyclopentadiene	9.027	237	309862	101.554	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	191944	46.519	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	206040	47.453	ng		92
46) 1,1'-Biphenyl	9.345	154	796254	47.026	ng		98
47) 2-Chloronaphthalene	9.369	162	588487	46.868	ng		95
48) 2-Nitroaniline	9.469	65	229729	46.364	ng		96
49) Acenaphthylene	9.786	152	1015709	49.799	ng		99
50) Dimethylphthalate	9.651	163	719386	47.092	ng		99
51) 2,6-Dinitrotoluene	9.716	165	158152	50.886	ng		99
52) Acenaphthene	9.963	154	696130m	52.480	ng		
53) 3-Nitroaniline	9.886	138	104964	27.628	ng		84
54) 2,4-Dinitrophenol	9.992	184	170639	103.730	ng	#	91
55) Dibenzofuran	10.133	168	841971	46.162	ng		92
56) 4-Nitrophenol	10.057	139	253261	90.258	ng	#	77
57) 2,4-Dinitrotoluene	10.122	165	208139	49.530	ng	#	97
58) Fluorene	10.474	166	668336	47.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	162422	47.185	ng	#	94
60) Diethylphthalate	10.345	149	739450	46.325	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	312496	46.646	ng		93
62) 4-Nitroaniline	10.510	138	172518	45.985	ng	#	80
63) Azobenzene	10.627	77	773004	43.490	ng		94
65) 4,6-Dinitro-2-methylph...	10.527	198	104426	47.004	ng		85
66) n-Nitrosodiphenylamine	10.586	169	580441	46.815	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	203198	48.098	ng		95
68) Hexachlorobenzene	11.021	284	219533	48.270	ng	#	95
69) Atrazine	11.116	200	192253	49.995	ng		98
70) Pentachlorophenol	11.221	266	218771	88.119	ng		99
71) Phenanthrene	11.445	178	972925	45.972	ng		99
72) Anthracene	11.498	178	1002317	47.574	ng		100
73) Carbazole	11.651	167	865227	44.781	ng		98
74) Di-n-butylphthalate	11.968	149	1158961	46.659	ng		98
75) Fluoranthene	12.633	202	938546	46.706	ng		95
77) Benzidine	12.757	184	414925	64.694	ng		97
78) Pyrene	12.863	202	953030	46.481	ng		99
80) Butylbenzylphthalate	13.474	149	448715	46.227	ng		93
81) Benzo(a)anthracene	14.051	228	756415	47.541	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	92403	18.428	ng	#	94
83) Chrysene	14.092	228	692504	46.285	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	609584	47.834	ng	#	97
85) Di-n-octyl phthalate	14.645	149	908847	49.532	ng		96
87) Indeno(1,2,3-cd)pyrene	17.062	276	604216	48.464	ng	#	86
88) Benzo(b)fluoranthene	15.115	252	618702	48.450	ng	#	93
89) Benzo(k)fluoranthene	15.145	252	606444	49.236	ng	#	95
90) Benzo(a)pyrene	15.492	252	562085	56.351	ng	#	93
91) Dibenzo(a,h)anthracene	17.080	278	531107	51.508	ng	#	92
92) Benzo(g,h,i)perylene	17.527	276	524207	51.568	ng	#	87

03/07/2022 Supervised By :Jagrut Upadhyay

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

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