Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
Data File : BF134875.D
Acq On : 21 Aug 2023 19:16
Operator : CG\JU
Sample : 04070-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 22 03:22:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	284963	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	1117293	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	519998	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	815607	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	569578	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	491304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	992600	52.949	ng	0.00
7) Phenol-d6	6.439	99	1274181	53.172	ng	0.00
23) Nitrobenzene-d5	7.363	82	793361	44.374	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	281185	53.045	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1256556	40.178	ng	-0.01
79) Terphenyl-d14	12.910	244	1103746	34.161	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	168808	19.572	ng	# 92
3) Pyridine	3.369	79	424803	18.176	ng	90
4) n-Nitrosodimethylamine	3.328	42	229521	20.553	ng	# 61
6) Aniline	6.463	93	529984	16.862	ng	94
8) 2-Chlorophenol	6.581	128	489576	25.889	ng	96
9) Benzaldehyde	6.351	77	209724	14.176	ng	92
10) Phenol	6.457	94	574092	24.310	ng	92
11) bis(2-Chloroethyl)ether	6.539	93	463701	24.718	ng	91
12) 1,3-Dichlorobenzene	6.734	146	492838	25.189	ng	97
13) 1,4-Dichlorobenzene	6.810	146	508392	25.927	ng	98
14) 1,2-Dichlorobenzene	6.963	146	480520	26.301	ng	97
15) Benzyl Alcohol	6.939	79	414163	25.053	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	657811	22.382	ng	92
17) 2-Methylphenol	7.057	107	381625	22.837	ng	94
18) Hexachloroethane	7.304	117	175726	25.534	ng	# 88
19) n-Nitroso-di-n-propyla...	7.216	70	311319	21.698	ng	90
20) 3+4-Methylphenols	7.210	107	431855	21.429	ng	# 85
22) Acetophenone	7.204	105	608071	23.574	ng	# 93
24) Nitrobenzene	7.381	77	482903	25.001	ng	94
25) Isophorone	7.622	82	893203	22.905	ng	98
26) 2-Nitrophenol	7.692	139	250836	32.264	ng	89
27) 2,4-Dimethylphenol	7.733	122	387866	22.292	ng	89
28) bis(2-Chloroethoxy)met...	7.828	93	547360	23.465	ng	99
29) 2,4-Dichlorophenol	7.933	162	388660	24.611	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	426113	25.304	ng	98
31) Naphthalene	8.098	128	1304253	23.227	ng	99
32) Benzoic acid	7.869	122	297696	29.797	ng	90
33) 4-Chloroaniline	8.145	127	387506	15.488	ng	99
34) Hexachlorobutadiene	8.210	225	245909	25.316	ng	96
35) Caprolactam	8.528	113	129614m	25.440	ng	
36) 4-Chloro-3-methylphenol	8.633	107	400260	23.933	ng	94
37) 2-Methylnaphthalene	8.786	142	841128	22.599	ng	100
38) 1-Methylnaphthalene	8.886	142	793135	22.916	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	402132	26.594	ng	99
41) Hexachlorocyclopentadiene	8.933	237	176746	24.037	ng	92
43) 2,4,6-Trichlorophenol	9.069	196	265038	26.782	ng	94

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44) 2,4,5-Trichlorophenol	9.110	196	275145	24.327	ng		93
46) 1,1'-Biphenyl	9.251	154	1034065	25.573	ng		98
47) 2-Chloronaphthalene	9.275	162	766306	25.291	ng		99
48) 2-Nitroaniline	9.375	65	244862	27.378	ng		93
49) Acenaphthylene	9.692	152	1134783	23.826	ng		99
50) Dimethylphthalate	9.557	163	907920	25.617	ng		97
51) 2,6-Dinitrotoluene	9.622	165	196868	28.197	ng	#	83
52) Acenaphthene	9.863	154	679887	22.028	ng		99
53) 3-Nitroaniline	9.786	138	170820	21.624	ng		91
54) 2,4-Dinitrophenol	9.898	184	96954	43.367	ng	#	81
55) Dibenzofuran	10.039	168	996805	22.687	ng		94
56) 4-Nitrophenol	9.957	139	286132	44.287	ng	#	78
57) 2,4-Dinitrotoluene	10.027	165	232811	27.818	ng	#	87
58) Fluorene	10.380	166	734378	22.947	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.157	232	213641m	23.875	ng		
60) Diethylphthalate	10.257	149	828675	24.668	ng		98
61) 4-Chlorophenyl-phenyle...	10.374	204	371608	23.623	ng		94
62) 4-Nitroaniline	10.404	138	176254	22.764	ng		87
63) Azobenzene	10.533	77	757475	20.987	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	71071	26.351	ng	#	76
66) n-Nitrosodiphenylamine	10.492	169	680055	26.196	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	233611	26.165	ng		99
68) Hexachlorobenzene	10.927	284	246412	26.136	ng		95
69) Atrazine	11.027	200	217868	31.137	ng		98
70) Pentachlorophenol	11.121	266	236751	40.556	ng		96
71) Phenanthrene	11.345	178	999613	23.074	ng		99
72) Anthracene	11.398	178	1019716	23.044	ng		99
73) Carbazole	11.551	167	872845	22.091	ng		100
74) Di-n-butylphthalate	11.886	149	1098078	26.160	ng		99
75) Fluoranthene	12.533	202	1027455	22.452	ng		97
77) Benzidine	12.663	184	478077	38.666	ng		98
78) Pyrene	12.768	202	1043452	21.171	ng		98
80) Butylbenzylphthalate	13.392	149	428670	25.721	ng	#	95
81) Benzo(a)anthracene	13.962	228	894029	21.951	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	343816	29.124	ng		98
83) Chrysene	13.998	228	860473	21.686	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	537709	27.417	ng		99
85) Di-n-octyl phthalate	14.574	149	1001906	33.593	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	657275	22.747	ng	#	92
88) Benzo(b)fluoranthene	15.009	252	754867	25.192	ng	#	98
89) Benzo(k)fluoranthene	15.039	252	729094	24.426	ng	#	99
90) Benzo(a)pyrene	15.374	252	618586	22.141	ng	#	97
91) Dibenzo(a,h)anthracene	16.951	278	545564	23.363	ng	#	97
92) Benzo(g,h,i)perylene	17.380	276	517095	21.708	ng	#	94

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

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