Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132704.D
Acq On : 08 Mar 2023 22:39
Operator : CG\JU
Sample : 01829-11MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 04:30:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.992	152	124640	20.000	ng		0.00
21) Naphthalene-d8	8.275	136	411483	20.000	ng		0.00
39) Acenaphthene-d10	10.045	164	166755	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	201116	20.000	ng		# 0.05
76) Chrysene-d12	14.262	240	156892	20.000	ng		# 0.06
86) Perylene-d12	15.827	264	147627	20.000	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.622	112	792605	103.207	ng		0.00
7) Phenol-d6	6.628	99	949879	94.772	ng		0.00
23) Nitrobenzene-d5	7.557	82	597934	68.942	ng		0.00
42) 2,4,6-Tribromophenol	10.857	330	217086	120.544	ng		0.02
45) 2-Fluorobiphenyl	9.351	172	883147	80.641	ng		0.00
79) Terphenyl-d14	13.198	244	664819	71.644	ng		0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	149773	35.256	ng		98
3) Pyridine	3.604	79	414884	36.793	ng		96
4) n-Nitrosodimethylamine	3.534	42	167200	39.255	ng	#	93
8) 2-Chlorophenol	6.786	128	356265	44.697	ng		93
9) Benzaldehyde	6.545	77	166601	30.805	ng		95
10) Phenol	6.639	94	453853	39.497	ng		99
11) bis(2-Chloroethyl)ether	6.722	93	410332	46.257	ng		94
12) 1,3-Dichlorobenzene	6.933	146	377763	44.165	ng		98
13) 1,4-Dichlorobenzene	7.010	146	385046	45.083	ng		99
14) 1,2-Dichlorobenzene	7.163	146	366958	44.769	ng		98
15) Benzyl Alcohol	7.133	79	310562	40.234	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.263	45	450028	39.783	ng		95
17) 2-Methylphenol	7.251	107	284254	38.212	ng		95
18) Hexachloroethane	7.504	117	110803	33.207	ng		94
19) n-Nitroso-di-n-propyla...	7.398	70	239350	38.803	ng		98
20) 3+4-Methylphenols	7.398	107	337649	35.134	ng	#	73
22) Acetophenone	7.398	105	470281	45.325	ng	#	91
24) Nitrobenzene	7.575	77	385467	41.557	ng		98
25) Isophorone	7.810	82	687810	41.364	ng		98
26) 2-Nitrophenol	7.892	139	81512	19.917	ng		90
27) 2,4-Dimethylphenol	7.928	122	288235	44.624	ng		99
28) bis(2-Chloroethoxy)met...	8.016	93	419289	43.105	ng		99
29) 2,4-Dichlorophenol	8.139	162	278644	43.367	ng		97
30) 1,2,4-Trichlorobenzene	8.216	180	307665	44.097	ng		99
31) Naphthalene	8.298	128	885109	42.017	ng		99
32) Benzoic acid	8.057	122	205618	41.004	ng		97
33) 4-Chloroaniline	8.363	127	29787	3.300	ng	#	91
34) Hexachlorobutadiene	8.410	225	202424	45.657	ng		99
35) Caprolactam	8.733	113	82356	38.879	ng		94
36) 4-Chloro-3-methylphenol	8.827	107	267332	37.885	ng		99
37) 2-Methylnaphthalene	8.992	142	544542	37.932	ng		100
38) 1-Methylnaphthalene	9.092	142	515735	38.442	ng		99
40) 1,2,4,5-Tetrachloroben...	9.157	216	308033	56.459	ng		99
41) Hexachlorocyclopentadiene	9.139	237	32215	10.886	ng		95
43) 2,4,6-Trichlorophenol	9.269	196	193596	52.360	ng		97
44) 2,4,5-Trichlorophenol	9.322	196	198445	45.986	ng	#	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.457	154	591067	46.830	ng		97
47) 2-Chloronaphthalene	9.486	162	465380	46.506	ng		98
48) 2-Nitroaniline	9.580	65	158329	42.960	ng		97
49) Acenaphthylene	9.904	152	656576	41.227	ng		96
50) Dimethylphthalate	9.751	163	597163	49.182	ng		99
51) 2,6-Dinitrotoluene	9.816	165	77045	27.863	ng		92
52) Acenaphthene	10.080	154	381806	37.754	ng		99
53) 3-Nitroaniline	9.992	138	60536m	19.571	ng		
54) 2,4-Dinitrophenol	10.104	184	4459	4.345	ng	#	1
55) Dibenzofuran	10.251	168	581493	39.442	ng		96
56) 4-Nitrophenol	10.163	139	153359	66.481	ng	#	33
57) 2,4-Dinitrotoluene	10.227	165	83295	22.642	ng	#	88
58) Fluorene	10.604	166	412520	36.581	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.374	232	128300	40.023	ng	#	92
60) Diethylphthalate	10.463	149	476706	40.200	ng	#	90
61) 4-Chlorophenyl-phenyle...	10.592	204	236253	40.384	ng		94
62) 4-Nitroaniline	10.610	138	35040	11.540	ng	#	59
63) Azobenzene	10.757	77	343028	27.314	ng		88
65) 4,6-Dinitro-2-methylph...	10.645	198	2743	2.015	ng	#	1
66) n-Nitrosodiphenylamine	10.710	169	360692	57.527	ng		97
67) 4-Bromophenyl-phenylether	11.098	248	150662	66.227	ng		95
68) Hexachlorobenzene	11.180	284	167924	70.151	ng	#	88
70) Pentachlorophenol	11.380	266	165108	115.930	ng		100
71) Phenanthrene	11.604	178	486489	46.693	ng	#	87
72) Anthracene	11.657	178	490578	45.725	ng	#	84
73) Carbazole	11.810	167	409074	42.289	ng	#	82
74) Di-n-butylphthalate	12.139	149	414420	36.523	ng	#	86
75) Fluoranthene	12.839	202	438697	38.516	ng		75
78) Pyrene	13.074	202	609461	42.726	ng	#	89
80) Butylbenzylphthalate	13.657	149	147478	26.200	ng	#	91
81) Benzo(a)anthracene	14.251	228	473839	40.364	ng	#	93
83) Chrysene	14.292	228	455267	41.473	ng	#	95
84) Bis(2-ethylhexyl)phtha...	14.204	149	269956	39.040	ng	#	93
85) Di-n-octyl phthalate	14.827	149	394945	39.085	ng	#	86
87) Indeno(1,2,3-cd)pyrene	17.450	276	510218	52.746	ng	#	94
88) Benzo(b)fluoranthene	15.356	252	469477	47.454	ng	#	80
89) Benzo(k)fluoranthene	15.386	252	380363	39.284	ng	#	81
90) Benzo(a)pyrene	15.762	252	368110	39.756	ng	#	79
91) Dibenzo(a,h)anthracene	17.456	278	428032	54.309	ng		96
92) Benzo(g,h,i)perylene	17.939	276	429212	48.183	ng		98

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

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