Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
Data File : BF127205.D
Acq On : 04 Mar 2022 17:17
Operator : CG\JU
Sample : N1750-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Manual Integrations APPROVED

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

Quant Time: Mar 05 02:21:07 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	95448	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	355762	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	190816	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	357287	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	222959	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	177980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	803606	130.127	ng		0.02
7) Phenol-d6	6.516	99	964631	115.760	ng		0.00
23) Nitrobenzene-d5	7.445	82	775181	98.351	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	355443	161.787	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1238803	95.574	ng		0.00
79) Terphenyl-d14	13.004	244	1486602	98.016	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.851	88	121620	43.038	ng	#	85
3) Pyridine	3.569	79	262038	35.352	ng		95
4) n-Nitrosodimethylamine	3.510	42	174856	48.157	ng	#	76
6) Aniline	6.545	93	162068	16.415	ng	#	82
8) 2-Chlorophenol	6.669	128	345400	52.127	ng		94
9) Benzaldehyde	6.434	77	187465	36.958	ng		98
10) Phenol	6.534	94	371427m	44.113	ng		
11) bis(2-Chloroethyl)ether	6.616	93	343657	52.037	ng		100
12) 1,3-Dichlorobenzene	6.816	146	336148	47.029	ng		97
13) 1,4-Dichlorobenzene	6.892	146	343373	47.386	ng		98
14) 1,2-Dichlorobenzene	7.045	146	327503	47.393	ng		99
15) Benzyl Alcohol	7.022	79	323476	46.078	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.151	45	425470	40.914	ng		78
17) 2-Methylphenol	7.133	107	304134	53.052	ng	#	90
18) Hexachloroethane	7.386	117	129804	46.732	ng	#	91
19) n-Nitroso-di-n-propyla...	7.286	70	257150	47.890	ng	#	98
20) 3+4-Methylphenols	7.286	107	353382	47.470	ng	#	77
22) Acetophenone	7.286	105	496817	53.039	ng		97
24) Nitrobenzene	7.463	77	399559	53.663	ng		97
25) Isophorone	7.698	82	727560	55.785	ng	#	97
26) 2-Nitrophenol	7.775	139	178429	56.284	ng	#	81
27) 2,4-Dimethylphenol	7.816	122	308237m	59.187	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	389614	49.275	ng		98
29) 2,4-Dichlorophenol	8.022	162	260213	53.145	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	271149	49.534	ng		99
31) Naphthalene	8.186	128	911682	49.091	ng		99
32) Benzoic acid	7.939	122	185974	50.353	ng		90
33) 4-Chloroaniline	8.233	127	85639	11.716	ng		96
34) Hexachlorobutadiene	8.292	225	158027	49.449	ng		99
35) Caprolactam	8.622	113	66797m	39.067	ng		
36) 4-Chloro-3-methylphenol	8.722	107	326649	52.201	ng		99
37) 2-Methylnaphthalene	8.875	142	608602	50.504	ng		97
38) 1-Methylnaphthalene	8.975	142	587499	50.911	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	259166	51.596	ng		98
41) Hexachlorocyclopentadiene	9.022	237	285841	104.924	ng		95
43) 2,4,6-Trichlorophenol	9.157	196	184330	50.035	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	197206	50.869	ng		92
46) 1,1'-Biphenyl	9.345	154	793595	52.493	ng		97
47) 2-Chloronaphthalene	9.369	162	577402	51.503	ng		95
48) 2-Nitroaniline	9.475	65	215719	48.761	ng		93
49) Acenaphthylene	9.786	152	961140	52.779	ng		98
50) Dimethylphthalate	9.651	163	707667	51.884	ng	#	99
51) 2,6-Dinitrotoluene	9.716	165	152065	54.799	ng		95
52) Acenaphthene	9.957	154	685120m	57.849	ng		
53) 3-Nitroaniline	9.886	138	91942	27.105	ng		94
54) 2,4-Dinitrophenol	9.998	184	184620	125.697	ng	#	84
55) Dibenzofuran	10.133	168	826870	50.774	ng		92
56) 4-Nitrophenol	10.057	139	233582	93.235	ng	#	77
57) 2,4-Dinitrotoluene	10.122	165	210877	56.204	ng	#	96
58) Fluorene	10.474	166	661471	52.145	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	164159	53.412	ng		92
60) Diethylphthalate	10.351	149	737060	51.717	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	313652	52.437	ng		93
62) 4-Nitroaniline	10.510	138	161375	48.177	ng	#	76
63) Azobenzene	10.627	77	735714	46.360	ng		94
65) 4,6-Dinitro-2-methylph...	10.533	198	112646	53.659	ng		96
66) n-Nitrosodiphenylamine	10.592	169	566116	48.321	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	201618	50.506	ng		94
68) Hexachlorobenzene	11.021	284	229072	53.303	ng		95
69) Atrazine	11.116	200	191270	52.639	ng		97
70) Pentachlorophenol	11.221	266	249573	106.385	ng		98
71) Phenanthrene	11.445	178	1007479	50.379	ng		99
72) Anthracene	11.498	178	1015299	50.999	ng		99
73) Carbazole	11.651	167	883129	48.372	ng		99
74) Di-n-butylphthalate	11.968	149	1156936	49.293	ng		98
75) Fluoranthene	12.633	202	970548	51.113	ng		94
77) Benzidine	12.751	184	68877	11.368	ng		97
78) Pyrene	12.863	202	985716	50.888	ng		100
80) Butylbenzylphthalate	13.474	149	465119	50.721	ng		90
81) Benzo(a)anthracene	14.051	228	769166	51.172	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	168749	35.623	ng	#	96
83) Chrysene	14.092	228	709889	50.223	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	633914	52.654	ng	#	97
85) Di-n-octyl phthalate	14.645	149	932668	53.805	ng		95
87) Indeno(1,2,3-cd)pyrene	17.068	276	642222	55.030	ng	#	85
88) Benzo(b)fluoranthene	15.115	252	620450	51.904	ng	#	92
89) Benzo(k)fluoranthene	15.145	252	599814	52.023	ng	#	94
90) Benzo(a)pyrene	15.492	252	575681	61.655	ng	#	93
91) Dibenzo(a,h)anthracene	17.086	278	555345	57.537	ng	#	91
92) Benzo(g,h,i)perylene	17.527	276	515736	54.199	ng	#	86

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

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