Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
Data File : BF127022.D
Acq On : 22 Feb 2022 21:44
Operator : CG\JU
Sample : N1610-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 23:59:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	79565	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	294574	20.000	ng	#	0.00
39) Acenaphthene-d10	9.969	164	122075	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	178216	20.000	ng	#	0.00
76) Chrysene-d12	14.104	240	130433	20.000	ng	#	0.00
86) Perylene-d12	15.610	264	99072	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	542929	105.466	ng		0.01
7) Phenol-d6	6.557	99	711263	102.393	ng		0.01
23) Nitrobenzene-d5	7.487	82	493209	75.574	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	144902	103.094	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	677471	81.699	ng		0.00
79) Terphenyl-d14	13.045	244	527764	59.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	87990	37.353	ng	#	93
3) Pyridine	3.552	79	217592	35.216	ng	#	85
4) n-Nitrosodimethylamine	3.516	42	146090	48.267	ng	#	62
6) Aniline	6.587	93	169306	20.571	ng		95
8) 2-Chlorophenol	6.710	128	264470	47.881	ng		98
9) Benzaldehyde	6.475	77	167262	39.557	ng		97
10) Phenol	6.569	94	335790m	47.841	ng		
11) bis(2-Chloroethyl)ether	6.657	93	256980	46.680	ng		96
12) 1,3-Dichlorobenzene	6.869	146	281012	47.163	ng		100
13) 1,4-Dichlorobenzene	6.946	146	286819	47.482	ng		98
14) 1,2-Dichlorobenzene	7.093	146	270289	46.922	ng		97
15) Benzyl Alcohol	7.063	79	266919	45.612	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.198	45	369531	42.628	ng		95
17) 2-Methylphenol	7.175	107	219291	45.888	ng	#	93
18) Hexachloroethane	7.434	117	108115	46.694	ng		95
19) n-Nitroso-di-n-propyla...	7.334	70	207335	46.321	ng		99
20) 3+4-Methylphenols	7.328	107	278549	44.887	ng	#	86
22) Acetophenone	7.334	105	392280	50.578	ng	#	98
24) Nitrobenzene	7.510	77	307466	49.872	ng		99
25) Isophorone	7.745	82	536558	49.685	ng	#	97
26) 2-Nitrophenol	7.822	139	132250	50.383	ng	#	78
27) 2,4-Dimethylphenol	7.857	122	233916m	54.246	ng		
28) bis(2-Chloroethoxy)met...	7.951	93	309023	47.201	ng		98
29) 2,4-Dichlorophenol	8.063	162	190420	46.969	ng		98
30) 1,2,4-Trichlorobenzene	8.145	180	216239	47.708	ng		98
31) Naphthalene	8.234	128	722385	46.977	ng		99
32) Benzoic acid	7.969	122	116732	38.170	ng		87
33) 4-Chloroaniline	8.275	127	47893	7.913	ng		96
34) Hexachlorobutadiene	8.340	225	132425	50.045	ng		97
35) Caprolactam	8.645	113	60646m	42.837	ng		
36) 4-Chloro-3-methylphenol	8.757	107	226246	43.666	ng		95
37) 2-Methylnaphthalene	8.922	142	454476	45.548	ng		96
38) 1-Methylnaphthalene	9.022	142	417118	43.655	ng		98
40) 1,2,4,5-Tetrachloroben...	9.087	216	181326	56.427	ng		99
41) Hexachlorocyclopentadiene	9.069	237	118700	68.107	ng		93
43) 2,4,6-Trichlorophenol	9.198	196	119600	50.745	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	120121	48.433	ng		96
46) 1,1'-Biphenyl	9.387	154	515263	53.275	ng		97
47) 2-Chloronaphthalene	9.416	162	368687	51.405	ng		97
48) 2-Nitroaniline	9.510	65	144233	50.961	ng		96
49) Acenaphthylene	9.828	152	581096	49.878	ng		99
50) Dimethylphthalate	9.681	163	457818	52.467	ng		99
51) 2,6-Dinitrotoluene	9.745	165	93084	52.433	ng	#	80
52) Acenaphthene	10.004	154	356780	47.089	ng		98
53) 3-Nitroaniline	9.916	138	62505	28.803	ng	#	97
54) 2,4-Dinitrophenol	10.022	184	28286	30.103	ng	#	86
55) Dibenzofuran	10.175	168	481339	46.200	ng		93
56) 4-Nitrophenol	10.081	139	137482	85.777	ng	#	84
57) 2,4-Dinitrotoluene	10.151	165	118195	49.241	ng	#	98
58) Fluorene	10.516	166	368453	45.401	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	84420	42.935	ng	#	97
60) Diethylphthalate	10.381	149	450959	49.460	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	173383	45.309	ng		93
62) 4-Nitroaniline	10.528	138	79918	37.294	ng	#	78
63) Azobenzene	10.669	77	421893	41.555	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	21115	20.165	ng		90
66) n-Nitrosodiphenylamine	10.622	169	314139	53.756	ng		98
67) 4-Bromophenyl-phenylether	10.998	248	102228	51.340	ng		96
68) Hexachlorobenzene	11.063	284	109254	50.967	ng		97
69) Atrazine	11.151	200	99794	55.060	ng		97
70) Pentachlorophenol	11.257	266	114841	98.141	ng		98
71) Phenanthrene	11.481	178	521406	52.271	ng		100
72) Anthracene	11.533	178	499357	50.286	ng		99
73) Carbazole	11.686	167	419696	46.087	ng		98
74) Di-n-butylphthalate	12.010	149	579865	49.530	ng		99
75) Fluoranthene	12.675	202	499041	52.689	ng		94
77) Benzidine	12.804	184	165946m	46.817	ng		
78) Pyrene	12.910	202	514709	45.422	ng		100
80) Butylbenzylphthalate	13.516	149	234163	43.649	ng		90
81) Benzo(a)anthracene	14.098	228	444469	50.546	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	68376	24.674	ng	#	98
83) Chrysene	14.133	228	414680	50.149	ng		99
84) Bis(2-ethylhexyl)phtha...	14.069	149	340074	48.285	ng	#	96
85) Di-n-octyl phthalate	14.686	149	532975	52.558	ng		98
87) Indeno(1,2,3-cd)pyrene	17.145	276	292979	45.100	ng	#	84
88) Benzo(b)fluoranthene	15.163	252	380349	57.161	ng	#	96
89) Benzo(k)fluoranthene	15.198	252	328796	51.230	ng	#	95
90) Benzo(a)pyrene	15.545	252	322803	62.108	ng		95
91) Dibenzo(a,h)anthracene	17.163	278	244356	45.481	ng	#	91
92) Benzo(g,h,i)perylene	17.621	276	242443	45.772	ng	#	84

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

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