Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126819.D
Acq On : 04 Feb 2022 18:59
Operator : CG/JU
Sample : N1381-12MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-09(25-30)-02-02-22MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

Quant Time: Feb 04 23:55:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 15:08:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	148563	20.000	ng		0.00
21) Naphthalene-d8	8.233	136	582817	20.000	ng		0.00
39) Acenaphthene-d10	9.992	164	311087	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	524912	20.000	ng		0.00
76) Chrysene-d12	14.133	240	290590	20.000	ng	#	0.00
86) Perylene-d12	15.645	264	253608	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1253119	115.530	ng		0.01
7) Phenol-d6	6.575	99	1713869	114.229	ng		0.00
23) Nitrobenzene-d5	7.516	82	1210376	77.723	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	368971	114.283	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1405715	74.822	ng		0.00
79) Terphenyl-d14	13.068	244	1303585	75.043	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	230696	42.031	ng	#	86
3) Pyridine	3.622	79	576246	38.714	ng	#	80
4) n-Nitrosodimethylamine	3.587	42	216117	47.006	ng	#	68
6) Aniline	6.622	93	702987	36.718	ng		97
8) 2-Chlorophenol	6.734	128	491299	49.536	ng		98
9) Benzaldehyde	6.504	77	455829	48.290	ng		88
10) Phenol	6.586	94	793929	49.437	ng		96
11) bis(2-Chloroethyl)ether	6.686	93	627258	48.482	ng		90
12) 1,3-Dichlorobenzene	6.892	146	513473	45.978	ng		98
13) 1,4-Dichlorobenzene	6.969	146	519459	46.021	ng		97
14) 1,2-Dichlorobenzene	7.116	146	492068	44.860	ng		96
15) Benzyl Alcohol	7.086	79	567668	47.354	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	670669	48.117	ng		82
17) 2-Methylphenol	7.192	107	456352	46.790	ng		93
18) Hexachloroethane	7.463	117	207544	46.938	ng	#	90
19) n-Nitroso-di-n-propyla...	7.363	70	445515	45.094	ng	#	83
20) 3+4-Methylphenols	7.345	107	550244	44.794	ng	#	84
22) Acetophenone	7.357	105	741574	43.972	ng	#	90
24) Nitrobenzene	7.533	77	718085	46.452	ng	#	87
25) Isophorone	7.769	82	1281668	47.955	ng		95
26) 2-Nitrophenol	7.845	139	251432	48.802	ng	#	72
27) 2,4-Dimethylphenol	7.880	122	436887	48.551	ng		89
28) bis(2-Chloroethoxy)met...	7.981	93	768126	45.316	ng		97
29) 2,4-Dichlorophenol	8.086	162	402076	45.390	ng		96
30) 1,2,4-Trichlorobenzene	8.169	180	415986	43.667	ng		99
31) Naphthalene	8.257	128	1357046	44.548	ng		99
32) Benzoic acid	7.992	122	274229	39.490	ng	#	75
33) 4-Chloroaniline	8.298	127	180990	14.705	ng	#	94
34) Hexachlorobutadiene	8.369	225	256100	42.890	ng		99
35) Caprolactam	8.675	113	146232m	45.368	ng		
36) 4-Chloro-3-methylphenol	8.780	107	515140	45.623	ng		91
37) 2-Methylnaphthalene	8.945	142	859141	45.770	ng		98
38) 1-Methylnaphthalene	9.045	142	807150	44.671	ng		98
40) 1,2,4,5-Tetrachloroben...	9.110	216	401726	44.851	ng		97
41) Hexachlorocyclopentadiene	9.098	237	459635	89.028	ng		94
43) 2,4,6-Trichlorophenol	9.222	196	285169	45.193	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	300379m	45.597	ng		
46) 1,1'-Biphenyl	9.410	154	1035659	45.457	ng		97
47) 2-Chloronaphthalene	9.439	162	819066	45.351	ng		100
48) 2-Nitroaniline	9.533	65	343421	46.638	ng		93
49) Acenaphthylene	9.857	152	1306500	46.853	ng		98
50) Dimethylphthalate	9.716	163	985802	45.844	ng	#	99
51) 2,6-Dinitrotoluene	9.774	165	216064	48.915	ng		85
52) Acenaphthene	10.027	154	879374	49.460	ng		97
53) 3-Nitroaniline	9.945	138	171408	34.054	ng		80
54) 2,4-Dinitrophenol	10.051	184	211096	90.726	ng		92
55) Dibenzofuran	10.198	168	1138977	43.402	ng		98
56) 4-Nitrophenol	10.104	139	343542	90.122	ng	#	76
57) 2,4-Dinitrotoluene	10.180	165	289427	48.345	ng	#	98
58) Fluorene	10.545	166	860105	44.297	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	249242	43.712	ng	#	82
60) Diethylphthalate	10.410	149	934532	44.231	ng		97
61) 4-Chlorophenyl-phenyle...	10.533	204	423807	43.151	ng		89
62) 4-Nitroaniline	10.569	138	208000	43.549	ng		81
63) Azobenzene	10.692	77	1291166	44.044	ng		91
65) 4,6-Dinitro-2-methylph...	10.586	198	144281	45.311	ng		95
66) n-Nitrosodiphenylamine	10.651	169	778018	46.091	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	273395	45.503	ng	#	89
68) Hexachlorobenzene	11.086	284	299108	45.496	ng		92
69) Atrazine	11.180	200	256530	46.835	ng		92
70) Pentachlorophenol	11.280	266	324657	84.643	ng		98
71) Phenanthrene	11.510	178	1284535	44.185	ng		99
72) Anthracene	11.563	178	1302757	44.741	ng		100
73) Carbazole	11.716	167	1125081	40.958	ng		99
74) Di-n-butylphthalate	12.039	149	1427903	44.834	ng	#	98
75) Fluoranthene	12.704	202	1232786	41.690	ng		97
77) Benzidine	12.821	184	211321	31.700	ng		98
78) Pyrene	12.933	202	1215278	52.331	ng		99
80) Butylbenzylphthalate	13.545	149	514111	53.354	ng	#	93
81) Benzo(a)anthracene	14.121	228	896497	46.235	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	216373	38.965	ng	#	97
83) Chrysene	14.157	228	840013	45.755	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	689022	54.961	ng		99
85) Di-n-octyl phthalate	14.721	149	953482	53.340	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.198	276	846413	54.719	ng	#	89
88) Benzo(b)fluoranthene	15.198	252	740184	44.636	ng	#	93
89) Benzo(k)fluoranthene	15.227	252	731706	44.234	ng	#	96
90) Benzo(a)pyrene	15.580	252	744039	56.286	ng	#	95
91) Dibenzo(a,h)anthracene	17.221	278	726400	57.332	ng	#	93
92) Benzo(g,h,i)perylene	17.680	276	732915	58.567	ng	#	89

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

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