Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123988.D
Acq On : 19 May 2021 14:00
Operator : JU/CG
Sample : M2433-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GPLDMS

Manual Integrations APPROVED
mohammad
5/20/2021 11:34:48 AM

Quant Time: May 19 16:44:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	40222	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	164457	20.00	ng		0.00
39) Acenaphthene-d10	9.951	164	99992	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	168914	20.00	ng		0.00
76) Chrysene-d12	14.074	240	109146	20.00	ng		0.00
86) Perylene-d12	15.568	264	97280	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	292037	101.94	ng		0.02
7) Phenol-d6	6.534	99	381717	102.72	ng		0.01
23) Nitrobenzene-d5	7.469	82	268425	70.32	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	117693	98.00	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	495307	60.96	ng		0.00
79) Terphenyl-d14	13.021	244	463156	64.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	47543	37.79	ng		94
3) Pyridine	3.493	79	121294	37.35	ng		99
4) n-Nitrosodimethylamine	3.446	42	92752	43.98	ng		96
6) Aniline	6.563	93	91504	21.69	ng		94
8) 2-Chlorophenol	6.687	128	135624	45.49	ng		97
9) Benzaldehyde	6.457	77	108790	67.65	ng		94
10) Phenol	6.545	94	183075	48.74	ng		97
11) bis(2-Chloroethyl)ether	6.639	93	130188	44.60	ng		97
12) 1,3-Dichlorobenzene	6.845	146	152359	43.87	ng		95
13) 1,4-Dichlorobenzene	6.922	146	156776	44.12	ng		99
14) 1,2-Dichlorobenzene	7.075	146	146880	44.24	ng		98
15) Benzyl Alcohol	7.045	79	143452	44.69	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.181	45	252668	42.99	ng		97
17) 2-Methylphenol	7.157	107	112207	46.41	ng		94
18) Hexachloroethane	7.422	117	56941	43.24	ng		87
19) n-Nitroso-di-n-propyla...	7.322	70	110904	44.16	ng		93
20) 3+4-Methylphenols	7.304	107	150085	47.13	ng	#	87
22) Acetophenone	7.316	105	194899	41.73	ng	#	98
24) Nitrobenzene	7.486	77	165706	42.46	ng		96
25) Isophorone	7.728	82	276459	37.65	ng		99
26) 2-Nitrophenol	7.804	139	73318	49.94	ng		96
27) 2,4-Dimethylphenol	7.839	122	125345	44.59	ng		92
28) bis(2-Chloroethoxy)met...	7.939	93	159437	43.18	ng		98
29) 2,4-Dichlorophenol	8.045	162	119643	42.05	ng		92
30) 1,2,4-Trichlorobenzene	8.133	180	126322	39.49	ng		99
31) Naphthalene	8.216	128	400079	41.11	ng		99
32) Benzoic acid	7.957	122	74226	48.11	ng		91
33) 4-Chloroaniline	8.257	127	16172	4.36	ng	#	91
34) Hexachlorobutadiene	8.333	225	80577	38.47	ng		99
35) Caprolactam	8.628	113	37041m	47.81	ng		
36) 4-Chloro-3-methylphenol	8.739	107	133904	43.03	ng		88
37) 2-Methylnaphthalene	8.904	142	275626	41.78	ng		97
38) 1-Methylnaphthalene	9.004	142	250243	40.65	ng		96
40) 1,2,4,5-Tetrachloroben...	9.069	216	138046	38.28	ng		99
41) Hexachlorocyclopentadiene	9.063	237	158271	69.00	ng		96
43) 2,4,6-Trichlorophenol	9.180	196	88190	37.69	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	93478	38.45	ng	#	86
46) 1,1'-Biphenyl	9.369	154	343604	39.01	ng		98
47) 2-Chloronaphthalene	9.392	162	258891	37.01	ng		98
48) 2-Nitroaniline	9.486	65	106748	45.19	ng		92
49) Acenaphthylene	9.810	152	408503	39.52	ng		96
50) Dimethylphthalate	9.669	163	387995	48.59	ng		100
51) 2,6-Dinitrotoluene	9.727	165	68556	42.46	ng		95
52) Acenaphthene	9.980	154	305943	43.24	ng		98
53) 3-Nitroaniline	9.892	138	32254	20.10	ng		96
54) 2,4-Dinitrophenol	10.004	184	70984	81.62	ng		90
55) Dibenzofuran	10.157	168	388791	38.26	ng		95
56) 4-Nitrophenol	10.057	139	109598	82.57	ng		94
57) 2,4-Dinitrotoluene	10.133	165	94732	47.84	ng	#	94
58) Fluorene	10.498	166	302175	39.46	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.269	232	77536	38.79	ng	#	93
60) Diethylphthalate	10.369	149	309005	39.08	ng		96
61) 4-Chlorophenyl-phenyle...	10.486	204	148683	38.75	ng		98
62) 4-Nitroaniline	10.510	138	67128	42.06	ng		93
63) Azobenzene	10.651	77	328684	37.37	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	45442	42.47	ng		82
66) n-Nitrosodiphenylamine	10.604	169	259416	40.19	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	89989	40.54	ng		96
68) Hexachlorobenzene	11.045	284	100956	40.74	ng		95
69) Atrazine	11.133	200	86035	47.20	ng		99
70) Pentachlorophenol	11.239	266	107309	73.04	ng		97
71) Phenanthrene	11.463	178	434494	40.59	ng		100
72) Anthracene	11.510	178	441811	40.73	ng		99
73) Carbazole	11.663	167	353348	37.23	ng		98
74) Di-n-butylphthalate	11.992	149	451438	38.01	ng		99
75) Fluoranthene	12.651	202	420257	37.91	ng		99
77) Benzidine	12.763	184	110270	41.87	ng	#	94
78) Pyrene	12.880	202	406855	41.99	ng		97
80) Butylbenzylphthalate	13.492	149	153266	40.33	ng		94
81) Benzo(a)anthracene	14.068	228	312281	39.56	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	43402	17.70	ng	#	99
83) Chrysene	14.104	228	296405	39.04	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	210328	39.23	ng	#	93
85) Di-n-octyl phthalate	14.668	149	322472	39.78	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	268900	35.79	ng	#	95
88) Benzo(b)fluoranthene	15.133	252	311181	41.35	ng	#	96
89) Benzo(k)fluoranthene	15.162	252	291398	42.49	ng		99
90) Benzo(a)pyrene	15.509	252	288580	44.36	ng		99
91) Dibenzo(a,h)anthracene	17.103	278	227582	35.97	ng		96
92) Benzo(g,h,i)perylene	17.539	276	212975	33.57	ng	#	96

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

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