Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124834.D
Acq On : 28 Jul 2021 18:48
Operator : JU/CG
Sample : M3205-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-209MS

Manual Integrations APPROVED
mohammad
7/29/2021 1:43:23 PM

Quant Time: Jul 29 02:10:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5480	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	22816	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	13114	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	23705	20.000	ng	0.00
76) Chrysene-d12	14.039	240	13448	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	12990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	39863	123.165	ng	0.01
7) Phenol-d6	6.504	99	49713	122.521	ng	0.00
23) Nitrobenzene-d5	7.439	82	33148	86.470	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	14416	128.032	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	70845	79.345	ng	0.00
79) Terphenyl-d14	12.986	244	69859	89.046	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	5162	45.627	ng	# 100
3) Pyridine	3.422	79	11499	42.936	ng	# 90
4) n-Nitrosodimethylamine	3.381	42	9883	46.663	ng	# 75
6) Aniline	6.533	93	18685	44.809	ng	99
8) 2-Chlorophenol	6.657	128	17718	48.536	ng	93
9) Benzaldehyde	6.422	77	10369	47.465	ng	93
10) Phenol	6.516	94	21438	55.173	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	15954	51.785	ng	94
12) 1,3-Dichlorobenzene	6.816	146	18831	47.462	ng	94
13) 1,4-Dichlorobenzene	6.892	146	19442	48.982	ng	95
14) 1,2-Dichlorobenzene	7.039	146	18547	48.361	ng	97
15) Benzyl Alcohol	7.016	79	13764	51.585	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	27273	52.596	ng	94
17) 2-Methylphenol	7.122	107	14525	54.617	ng	98
18) Hexachloroethane	7.386	117	7905	52.544	ng	89
19) n-Nitroso-di-n-propyla...	7.286	70	12179	56.211	ng	96
20) 3+4-Methylphenols	7.275	107	17908	50.966	ng	90
22) Acetophenone	7.281	105	25498	48.225	ng	# 87
24) Nitrobenzene	7.457	77	17991	47.869	ng	97
25) Isophorone	7.692	82	32966	48.634	ng	# 92
26) 2-Nitrophenol	7.769	139	9680	46.502	ng	# 77
27) 2,4-Dimethylphenol	7.810	122	16019	50.011	ng	93
28) bis(2-Chloroethoxy)met...	7.904	93	21483	54.538	ng	97
29) 2,4-Dichlorophenol	8.010	162	15577	45.919	ng	91
30) 1,2,4-Trichlorobenzene	8.098	180	17073	45.920	ng	98
31) Naphthalene	8.180	128	52959	44.478	ng	98
32) Benzoic acid	7.933	122	10359	41.783	ng	90
33) 4-Chloroaniline	8.222	127	6304	14.080	ng	96
34) Hexachlorobutadiene	8.292	225	10143	45.638	ng	93
35) Caprolactam	8.604	113	4354m	49.382	ng	
36) 4-Chloro-3-methylphenol	8.704	107	17481	54.026	ng	# 89
37) 2-Methylnaphthalene	8.869	142	37352	46.949	ng	98
38) 1-Methylnaphthalene	8.969	142	34517	45.798	ng	93
40) 1,2,4,5-Tetrachloroben...	9.033	216	17249	47.141	ng	98
41) Hexachlorocyclopentadiene	9.022	237	22332	103.160	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	11920	45.891	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	12536	47.003	ng		95
46) 1,1'-Biphenyl	9.333	154	44570	45.531	ng		97
47) 2-Chloronaphthalene	9.357	162	36355	46.915	ng		97
48) 2-Nitroaniline	9.457	65	10363	51.072	ng		95
49) Acenaphthylene	9.774	152	56425	47.216	ng		99
50) Dimethylphthalate	9.633	163	45437	50.319	ng	#	97
51) 2,6-Dinitrotoluene	9.698	165	9533	47.787	ng		95
52) Acenaphthene	9.945	154	34117	43.066	ng		98
53) 3-Nitroaniline	9.863	138	6018	28.674	ng		91
54) 2,4-Dinitrophenol	9.974	184	10584	91.751	ng		93
55) Dibenzofuran	10.121	168	52347	46.242	ng		95
56) 4-Nitrophenol	10.033	139	14988	90.434	ng		98
57) 2,4-Dinitrotoluene	10.104	165	13146	48.560	ng	#	90
58) Fluorene	10.463	166	41000	47.213	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	10190	48.378	ng	#	94
60) Diethylphthalate	10.333	149	47704	50.804	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	20015	47.677	ng		97
62) 4-Nitroaniline	10.486	138	9184	44.225	ng		92
63) Azobenzene	10.616	77	42280	50.896	ng		94
65) 4,6-Dinitro-2-methylph...	10.510	198	6234	40.608	ng		96
66) n-Nitrosodiphenylamine	10.574	169	35253	45.891	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	12755	50.735	ng		96
68) Hexachlorobenzene	11.010	284	13493	51.678	ng		92
69) Atrazine	11.098	200	12622	54.043	ng		95
70) Pentachlorophenol	11.204	266	14226	87.621	ng		93
71) Phenanthrene	11.427	178	61998	48.627	ng		99
72) Anthracene	11.480	178	60773	47.680	ng		99
73) Carbazole	11.627	167	49100	41.096	ng		98
74) Di-n-butylphthalate	11.957	149	79790	50.139	ng		99
75) Fluoranthene	12.615	202	59430	45.678	ng		99
77) Benzidine	12.733	184	21722	57.281	ng		97
78) Pyrene	12.845	202	58648	55.087	ng		99
80) Butylbenzylphthalate	13.457	149	27286	53.510	ng		98
81) Benzo(a)anthracene	14.027	228	42505	48.353	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	9531	39.068	ng		95
83) Chrysene	14.068	228	41937	49.519	ng		98
84) Bis(2-ethylhexyl)phtha...	14.009	149	40270	53.615	ng		98
85) Di-n-octyl phthalate	14.627	149	64229	52.697	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	46965	62.624	ng		95
88) Benzo(b)fluoranthene	15.086	252	45066	49.275	ng		98
89) Benzo(k)fluoranthene	15.115	252	38340	45.879	ng		99
90) Benzo(a)pyrene	15.456	252	40500	53.010	ng	#	96
91) Dibenzo(a,h)anthracene	17.021	278	39266	59.809	ng	#	93
92) Benzo(g,h,i)perylene	17.456	276	38341	61.585	ng		90

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

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