Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124633.D
Acq On : 20 Jul 2021 17:56
Operator : JU/CG
Sample : M3076-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MS

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:13 AM

Quant Time: Jul 20 18:45:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6254	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	25036	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	12729	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	19321	20.000	ng	0.00
76) Chrysene-d12	14.074	240	11480	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	12433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	40814	113.069	ng	0.00
7) Phenol-d6	6.528	99	48213	109.796	ng	0.00
23) Nitrobenzene-d5	7.469	82	28534	71.947	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	10426	105.254	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	60269	69.044	ng	0.00
79) Terphenyl-d14	13.015	244	41345	60.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	6044	50.229	ng	# 100
3) Pyridine	3.516	79	12391	40.919	ng	95
4) n-Nitrosodimethylamine	3.475	42	12686	51.542	ng	96
6) Aniline	6.569	93	22020	47.593	ng	96
8) 2-Chlorophenol	6.686	128	20076	49.610	ng	91
9) Benzaldehyde	6.457	77	10975	42.602	ng	89
10) Phenol	6.539	94	22204	51.792	ng	99
11) bis(2-Chloroethyl)ether	6.639	93	17163	51.638	ng	94
12) 1,3-Dichlorobenzene	6.845	146	22926	51.761	ng	96
13) 1,4-Dichlorobenzene	6.922	146	22362	49.430	ng	99
14) 1,2-Dichlorobenzene	7.075	146	21249	49.424	ng	94
15) Benzyl Alcohol	7.045	79	14615	48.101	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	28920	50.482	ng	97
17) 2-Methylphenol	7.151	107	15090	50.943	ng	98
18) Hexachloroethane	7.422	117	8945	52.506	ng	90
19) n-Nitroso-di-n-propyla...	7.322	70	12007	48.635	ng	95
20) 3+4-Methylphenols	7.304	107	19558	50.150	ng	94
22) Acetophenone	7.316	105	27263	47.983	ng	98
24) Nitrobenzene	7.486	77	18237	46.374	ng	98
25) Isophorone	7.728	82	31386	43.110	ng	95
26) 2-Nitrophenol	7.804	139	10433	49.181	ng	# 91
27) 2,4-Dimethylphenol	7.833	122	18416	52.390	ng	95
28) bis(2-Chloroethoxy)met...	7.939	93	21179	49.870	ng	99
29) 2,4-Dichlorophenol	8.039	162	16899	46.608	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	18795	46.842	ng	94
31) Naphthalene	8.210	128	59157	45.684	ng	97
32) Benzoic acid	7.963	122	12737	47.737	ng	93
33) 4-Chloroaniline	8.257	127	13215	27.006	ng	95
34) Hexachlorobutadiene	8.328	225	10567	46.657	ng	95
35) Caprolactam	8.627	113	4415m	48.141	ng	
36) 4-Chloro-3-methylphenol	8.733	107	16234	45.278	ng	97
37) 2-Methylnaphthalene	8.904	142	39447	45.144	ng	99
38) 1-Methylnaphthalene	9.004	142	35922	43.774	ng	96
40) 1,2,4,5-Tetrachloroben...	9.069	216	17281	50.902	ng	98
41) Hexachlorocyclopentadiene	9.057	237	23168	109.244	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	11902	48.560	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	12203	48.274	ng		94
46) 1,1'-Biphenyl	9.369	154	44455	45.984	ng		99
47) 2-Chloronaphthalene	9.392	162	36280	47.864	ng		99
48) 2-Nitroaniline	9.486	65	9389	51.511	ng		97
49) Acenaphthylene	9.810	152	55515	46.934	ng		98
50) Dimethylphthalate	9.669	163	39998	45.164	ng		98
51) 2,6-Dinitrotoluene	9.727	165	8739	50.055	ng	#	87
52) Acenaphthene	9.980	154	39144	51.755	ng		96
53) 3-Nitroaniline	9.898	138	6044	31.023	ng		87
54) 2,4-Dinitrophenol	10.004	184	9401	103.194	ng		87
55) Dibenzofuran	10.157	168	50023	44.983	ng		96
56) 4-Nitrophenol	10.051	139	14555	89.764	ng		90
57) 2,4-Dinitrotoluene	10.133	165	11520	48.198	ng	#	88
58) Fluorene	10.498	166	37884	44.043	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	9266	47.463	ng	#	96
60) Diethylphthalate	10.369	149	40693	43.946	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	17889	45.819	ng		97
62) 4-Nitroaniline	10.516	138	8615	43.876	ng	#	84
63) Azobenzene	10.651	77	34724	42.900	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	5378	48.727	ng		85
66) n-Nitrosodiphenylamine	10.610	169	31731	50.437	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	10171	50.909	ng		88
68) Hexachlorobenzene	11.045	284	10943	53.461	ng	#	89
69) Atrazine	11.133	200	8888	46.129	ng		92
70) Pentachlorophenol	11.233	266	12969	100.167	ng		95
71) Phenanthrene	11.463	178	51678	49.026	ng		99
72) Anthracene	11.510	178	51514	48.714	ng		99
73) Carbazole	11.663	167	42878	43.881	ng		99
74) Di-n-butylphthalate	11.992	149	54337	41.281	ng		99
75) Fluoranthene	12.645	202	44007	41.379	ng		97
77) Benzidine	12.768	184	18967	44.195	ng	#	93
78) Pyrene	12.874	202	43976	46.107	ng		96
80) Butylbenzylphthalate	13.492	149	18019	39.073	ng		96
81) Benzo(a)anthracene	14.062	228	34019	44.682	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	10108	50.684	ng		98
83) Chrysene	14.104	228	34745	47.638	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	24823	40.092	ng	#	97
85) Di-n-octyl phthalate	14.662	149	44965	50.188	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	45533	63.147	ng		97
88) Benzo(b)fluoranthene	15.121	252	38474	43.113	ng		97
89) Benzo(k)fluoranthene	15.156	252	35128	42.902	ng	#	96
90) Benzo(a)pyrene	15.498	252	37235	50.547	ng		94
91) Dibenzo(a,h)anthracene	17.086	278	36926	60.164	ng		98
92) Benzo(g,h,i)perylene	17.527	276	37146	61.990	ng		93

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

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