Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124908.D
Acq On : 2 Aug 2021 15:16
Operator : JU/CG
Sample : M3241-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210592-AMENDED-COM-6MS

Manual Integrations APPROVED
mohammad
8/3/2021 11:48:27 AM

Quant Time: Aug 02 15:47:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	5600	20.000	ng		0.00
21) Naphthalene-d8	8.140	136	22407	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	11898	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	20569	20.000	ng		0.00
76) Chrysene-d12	14.016	240	13283	20.000	ng		0.00
86) Perylene-d12	15.480	264	12131	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	34770	105.127	ng		0.00
7) Phenol-d6	6.487	99	46347	111.777	ng		0.00
23) Nitrobenzene-d5	7.422	82	30437	80.847	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	9963	97.527	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	54934	67.813	ng		0.00
79) Terphenyl-d14	12.957	244	53191	68.642	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	5691	49.225	ng	#	100
3) Pyridine	3.410	79	11600	42.385	ng		96
4) n-Nitrosodimethylamine	3.363	42	10210	47.174	ng		87
6) Aniline	6.516	93	16094	37.768	ng		98
8) 2-Chlorophenol	6.640	128	17340	46.483	ng		94
9) Benzaldehyde	6.404	77	10144	45.440	ng		95
10) Phenol	6.504	94	20650	52.007	ng		97
11) bis(2-Chloroethyl)ether	6.593	93	15497	49.224	ng		97
12) 1,3-Dichlorobenzene	6.798	146	18178	44.835	ng		97
13) 1,4-Dichlorobenzene	6.875	146	18363	45.272	ng		95
14) 1,2-Dichlorobenzene	7.028	146	18091	46.162	ng		99
15) Benzyl Alcohol	6.998	79	14152	51.903	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.128	45	24921	47.031	ng		98
17) 2-Methylphenol	7.110	107	13469	49.561	ng		96
18) Hexachloroethane	7.369	117	7234	47.053	ng	#	84
19) n-Nitroso-di-n-propyla...	7.269	70	11387	51.430	ng	#	89
20) 3+4-Methylphenols	7.263	107	17394	48.443	ng	#	79
22) Acetophenone	7.269	105	24319	46.835	ng		98
24) Nitrobenzene	7.440	77	17895	48.483	ng		93
25) Isophorone	7.681	82	29897	44.911	ng	#	93
26) 2-Nitrophenol	7.757	139	9419	46.074	ng	#	90
27) 2,4-Dimethylphenol	7.792	122	15340	48.766	ng		91
28) bis(2-Chloroethoxy)met...	7.887	93	18920	48.908	ng		97
29) 2,4-Dichlorophenol	7.998	162	14183	42.572	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	15190	41.601	ng		94
31) Naphthalene	8.163	128	49212	42.085	ng		98
32) Benzoic acid	7.881	122	1288	5.290	ng	#	62
33) 4-Chloroaniline	8.204	127	8949	20.352	ng	#	94
34) Hexachlorobutadiene	8.275	225	8936	40.941	ng		93
35) Caprolactam	8.575	113	3985m	46.022	ng		
36) 4-Chloro-3-methylphenol	8.692	107	15303	48.158	ng		91
37) 2-Methylnaphthalene	8.851	142	34172	43.736	ng		98
38) 1-Methylnaphthalene	8.951	142	31089	42.002	ng		97
40) 1,2,4,5-Tetrachloroben...	9.016	216	15484	46.643	ng		97
41) Hexachlorocyclopentadiene	9.004	237	11683	59.484	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	9869	41.878	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	10271	42.446	ng		98
46) 1,1'-Biphenyl	9.316	154	40261	45.333	ng		98
47) 2-Chloronaphthalene	9.339	162	31154	44.312	ng		99
48) 2-Nitroaniline	9.439	65	10281	55.846	ng		95
49) Acenaphthylene	9.757	152	49712	45.850	ng		99
50) Dimethylphthalate	9.616	163	36490	44.540	ng	#	97
51) 2,6-Dinitrotoluene	9.681	165	8284	45.770	ng		97
52) Acenaphthene	9.928	154	28945	40.272	ng		97
53) 3-Nitroaniline	9.845	138	6079	31.925	ng		89
54) 2,4-Dinitrophenol	9.951	184	3590	34.302	ng		90
55) Dibenzofuran	10.098	168	45228	44.037	ng		98
56) 4-Nitrophenol	10.010	139	13375	88.949	ng	#	85
57) 2,4-Dinitrotoluene	10.081	165	11529	46.940	ng	#	98
58) Fluorene	10.439	166	35203	44.680	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	7745	40.528	ng	#	93
60) Diethylphthalate	10.310	149	37984	44.586	ng		98
61) 4-Chlorophenyl-phenyle...	10.433	204	17191	45.135	ng		95
62) 4-Nitroaniline	10.463	138	8815	46.786	ng		90
63) Azobenzene	10.592	77	35457	47.045	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	3609	27.093	ng		94
66) n-Nitrosodiphenylamine	10.551	169	30211	45.324	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	9772	44.796	ng	#	86
68) Hexachlorobenzene	10.986	284	11053	48.787	ng		94
69) Atrazine	11.081	200	9824	48.476	ng		93
70) Pentachlorophenol	11.180	266	8493	60.285	ng		91
71) Phenanthrene	11.404	178	50931	46.038	ng		98
72) Anthracene	11.457	178	53076	47.990	ng		99
73) Carbazole	11.610	167	43917	42.362	ng		100
74) Di-n-butylphthalate	11.933	149	57516	41.653	ng		99
75) Fluoranthene	12.592	202	47837	42.374	ng		99
77) Benzidine	12.710	184	17310	46.213	ng		99
78) Pyrene	12.822	202	47297	44.977	ng		99
80) Butylbenzylphthalate	13.433	149	20357	40.418	ng		99
81) Benzo(a)anthracene	14.004	228	38234	44.035	ng		97
82) 3,3'-Dichlorobenzidine	13.969	252	10439	43.322	ng		96
83) Chrysene	14.045	228	35653	42.622	ng		97
84) Bis(2-ethylhexyl)phtha...	13.986	149	27003	36.398	ng		98
85) Di-n-octyl phthalate	14.598	149	40091	33.302	ng		100
87) Indeno(1,2,3-cd)pyrene	16.957	276	31685	45.241	ng		94
88) Benzo(b)fluoranthene	15.057	252	35948m	42.088	ng		
89) Benzo(k)fluoranthene	15.086	252	33279	42.643	ng		98
90) Benzo(a)pyrene	15.421	252	33808	47.384	ng		97
91) Dibenzo(a,h)anthracene	16.968	278	27251	44.447	ng		96
92) Benzo(g,h,i)perylene	17.398	276	24782	42.625	ng	#	88

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

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