Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124704.D
Acq On : 23 Jul 2021 9:03
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:18 PM

Quant Time: Jul 23 11:42:21 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	6.869	152	7260	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	26378	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	14547	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	26448	20.000	ng		0.00
76) Chrysene-d12	14.039	240	20382	20.000	ng	#	0.00
86) Perylene-d12	15.503	264	16291	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	32985	76.927	ng		0.00
7) Phenol-d6	6.498	99	41282	76.797	ng		0.00
23) Nitrobenzene-d5	7.439	82	35164	79.342	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	10805	86.509	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	79054	79.817	ng		0.00
79) Terphenyl-d14	12.980	244	91537	76.984	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	5835	38.931	ng	#	100
3) Pyridine	3.387	79	14494	40.850	ng		91
4) n-Nitrosodimethylamine	3.345	42	11415	40.682	ng		96
6) Aniline	6.533	93	21036	38.078	ng		98
8) 2-Chlorophenol	6.657	128	18387	38.019	ng		98
9) Benzaldehyde	6.422	77	10298	35.582	ng		92
10) Phenol	6.510	94	20160	39.163	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	15582	38.177	ng		98
12) 1,3-Dichlorobenzene	6.810	146	19623	37.332	ng		100
13) 1,4-Dichlorobenzene	6.886	146	20304	38.612	ng		95
14) 1,2-Dichlorobenzene	7.045	146	18872	37.144	ng		96
15) Benzyl Alcohol	7.010	79	14063	39.783	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.145	45	26708	38.878	ng		97
17) 2-Methylphenol	7.116	107	13652	38.748	ng		96
18) Hexachloroethane	7.386	117	7596	38.111	ng	#	87
19) n-Nitroso-di-n-propyla...	7.286	70	11139	38.806	ng		91
20) 3+4-Methylphenols	7.275	107	17449	37.484	ng		96
22) Acetophenone	7.280	105	23791	38.920	ng	#	95
24) Nitrobenzene	7.457	77	17312	39.843	ng		98
25) Isophorone	7.692	82	30725	39.207	ng		97
26) 2-Nitrophenol	7.769	139	9756	40.538	ng	#	89
27) 2,4-Dimethylphenol	7.804	122	14458	39.043	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	17962	39.442	ng		99
29) 2,4-Dichlorophenol	8.004	162	15200	38.757	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	16750	38.967	ng		98
31) Naphthalene	8.180	128	54429	39.539	ng		98
32) Benzoic acid	7.922	122	11576	40.387	ng		96
33) 4-Chloroaniline	8.222	127	20509	39.620	ng		99
34) Hexachlorobutadiene	8.292	225	9876	38.436	ng		97
35) Caprolactam	8.598	113	4213m	41.330	ng		
36) 4-Chloro-3-methylphenol	8.698	107	15202	40.638	ng		94
37) 2-Methylnaphthalene	8.869	142	36355	39.526	ng		98
38) 1-Methylnaphthalene	8.969	142	34685	39.806	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	15777	38.871	ng		99
41) Hexachlorocyclopentadiene	9.022	237	9394	39.120	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	11540	40.051	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	11931	40.328	ng		93
46) 1,1'-Biphenyl	9.333	154	44159	40.667	ng		99
47) 2-Chloronaphthalene	9.357	162	34111	39.683	ng		98
48) 2-Nitroaniline	9.451	65	9422	41.860	ng		95
49) Acenaphthylene	9.774	152	53857	40.628	ng		98
50) Dimethylphthalate	9.633	163	39804	39.738	ng	#	97
51) 2,6-Dinitrotoluene	9.692	165	8987	40.612	ng	#	87
52) Acenaphthene	9.945	154	34844	39.651	ng		95
53) 3-Nitroaniline	9.863	138	9677	41.567	ng		98
54) 2,4-Dinitrophenol	9.963	184	5092	39.793	ng		89
55) Dibenzofuran	10.116	168	51116	40.707	ng		98
56) 4-Nitrophenol	10.010	139	7993	43.477	ng		90
57) 2,4-Dinitrotoluene	10.098	165	12880	42.891	ng	#	79
58) Fluorene	10.463	166	37893	39.337	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.227	232	9440	40.403	ng	#	97
60) Diethylphthalate	10.333	149	42313	40.623	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	18436	39.590	ng		91
62) 4-Nitroaniline	10.480	138	9855	42.781	ng		83
63) Azobenzene	10.610	77	36816	39.953	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	6739	39.345	ng		92
66) n-Nitrosodiphenylamine	10.568	169	33543	39.137	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	10906	38.881	ng	#	82
68) Hexachlorobenzene	11.004	284	11484	39.422	ng		98
69) Atrazine	11.098	200	10212	39.189	ng		93
70) Pentachlorophenol	11.198	266	8076	44.583	ng		94
71) Phenanthrene	11.421	178	56761	39.903	ng		98
72) Anthracene	11.474	178	58355	41.035	ng		99
73) Carbazole	11.627	167	52986	39.749	ng		98
74) Di-n-butylphthalate	11.957	149	71334	40.176	ng		99
75) Fluoranthene	12.610	202	60028	41.353	ng		98
77) Benzidine	12.727	184	23957	41.682	ng		98
78) Pyrene	12.839	202	61692	38.233	ng		97
80) Butylbenzylphthalate	13.457	149	30321	39.233	ng		96
81) Benzo(a)anthracene	14.027	228	51526	38.674	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	14366	38.854	ng		99
83) Chrysene	14.062	228	50752	39.540	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	44348	38.957	ng		99
85) Di-n-octyl phthalate	14.627	149	71379	38.640	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	36533	38.843	ng		98
88) Benzo(b)fluoranthene	15.074	252	44154	38.495	ng		99
89) Benzo(k)fluoranthene	15.109	252	44238	42.210	ng		98
90) Benzo(a)pyrene	15.445	252	38068	39.730	ng		99
91) Dibenzo(a,h)anthracene	16.997	278	31853	38.687	ng		97
92) Benzo(g,h,i)perylene	17.427	276	29867	38.253	ng		92

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

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