Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123984.D
Acq On : 19 May 2021 11:26
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/20/2021 11:34:40 AM

Quant Time: May 19 12:54:53 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	6.910	152	55012	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	188897	20.00	ng		# 0.00
39) Acenaphthene-d10	9.951	164	105823	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	179070	20.00	ng		0.00
76) Chrysene-d12	14.080	240	115487	20.00	ng		0.01
86) Perylene-d12	15.568	264	90531	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	283828	72.44	ng		0.01
7) Phenol-d6	6.534	99	373326	73.45	ng		0.01
23) Nitrobenzene-d5	7.469	82	364660	83.18	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	101700	80.01	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	633476	73.67	ng		0.00
79) Terphenyl-d14	13.022	244	642748	84.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	63111	36.68	ng		96
3) Pyridine	3.469	79	168602	37.96	ng		96
4) n-Nitrosodimethylamine	3.428	42	108770	37.71	ng		88
6) Aniline	6.569	93	222326	38.53	ng		96
8) 2-Chlorophenol	6.692	128	149768	36.73	ng		97
9) Benzaldehyde	6.457	77	86021	39.11	ng		98
10) Phenol	6.545	94	195171	37.99	ng		97
11) bis(2-Chloroethyl)ether	6.645	93	144601	36.22	ng		94
12) 1,3-Dichlorobenzene	6.851	146	178985	37.68	ng		94
13) 1,4-Dichlorobenzene	6.928	146	175774m	36.17	ng		
14) 1,2-Dichlorobenzene	7.081	146	167834	36.96	ng		93
15) Benzyl Alcohol	7.045	79	158341	36.07	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.187	45	292077	36.34	ng		100
17) 2-Methylphenol	7.151	107	123773	37.43	ng		93
18) Hexachloroethane	7.422	117	65653	36.45	ng	#	85
19) n-Nitroso-di-n-propyla...	7.322	70	127382	37.09	ng		98
20) 3+4-Methylphenols	7.310	107	162828	37.39	ng		92
22) Acetophenone	7.316	105	204742	38.17	ng	#	96
24) Nitrobenzene	7.492	77	182928	40.81	ng		99
25) Isophorone	7.728	82	325955	38.65	ng		98
26) 2-Nitrophenol	7.804	139	78935	46.81	ng		98
27) 2,4-Dimethylphenol	7.839	122	115342	35.72	ng		93
28) bis(2-Chloroethoxy)met...	7.939	93	165532	39.03	ng		98
29) 2,4-Dichlorophenol	8.045	162	128920	39.45	ng		95
30) 1,2,4-Trichlorobenzene	8.134	180	144081	39.21	ng		97
31) Naphthalene	8.216	128	434541	38.87	ng		99
32) Benzoic acid	7.951	122	58737	33.14	ng		93
33) 4-Chloroaniline	8.257	127	168968	39.70	ng		99
34) Hexachlorobutadiene	8.334	225	99553	41.38	ng		95
35) Caprolactam	8.634	113	37026	41.61	ng	#	75
36) 4-Chloro-3-methylphenol	8.734	107	137204	38.39	ng		89
37) 2-Methylnaphthalene	8.904	142	290959	38.40	ng		98
38) 1-Methylnaphthalene	9.004	142	274146	38.77	ng		97
40) 1,2,4,5-Tetrachloroben...	9.069	216	137966	36.15	ng		98
41) Hexachlorocyclopentadiene	9.057	237	76925	31.69	ng		91
43) 2,4,6-Trichlorophenol	9.181	196	92522	37.36	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	100066	38.90	ng		95
46) 1,1'-Biphenyl	9.369	154	344834	37.00	ng		96
47) 2-Chloronaphthalene	9.392	162	272856	36.86	ng		98
48) 2-Nitroaniline	9.486	65	105163	42.07	ng		98
49) Acenaphthylene	9.810	152	406801	37.19	ng		98
50) Dimethylphthalate	9.669	163	321136	38.00	ng		99
51) 2,6-Dinitrotoluene	9.728	165	71603	41.90	ng		95
52) Acenaphthene	9.981	154	282203	37.69	ng		94
53) 3-Nitroaniline	9.898	138	70399	41.45	ng		98
54) 2,4-Dinitrophenol	9.998	184	32702	39.64	ng	#	89
55) Dibenzofuran	10.151	168	409827	38.11	ng		98
56) 4-Nitrophenol	10.045	139	57763	41.12	ng		98
57) 2,4-Dinitrotoluene	10.133	165	94495	45.09	ng	#	94
58) Fluorene	10.498	166	301751	37.24	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.269	232	79073	37.38	ng	#	93
60) Diethylphthalate	10.369	149	313640	37.48	ng		96
61) 4-Chlorophenyl-phenyle...	10.486	204	154363	38.01	ng		95
62) 4-Nitroaniline	10.510	138	66909	39.61	ng	#	82
63) Azobenzene	10.645	77	348064	37.40	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	51354	44.91	ng		83
66) n-Nitrosodiphenylamine	10.604	169	269322	39.36	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	91417	38.84	ng		97
68) Hexachlorobenzene	11.045	284	102523	39.02	ng		97
69) Atrazine	11.128	200	80964	41.90	ng		94
70) Pentachlorophenol	11.233	266	57524	36.93	ng		98
71) Phenanthrene	11.463	178	432885	38.14	ng		99
72) Anthracene	11.510	178	428506	37.26	ng		97
73) Carbazole	11.663	167	378816	37.65	ng		97
74) Di-n-butylphthalate	11.992	149	470136	37.34	ng		100
75) Fluoranthene	12.651	202	435134	37.03	ng		98
77) Benzidine	12.763	184	111360	39.96	ng	#	97
78) Pyrene	12.880	202	432030	42.14	ng		98
80) Butylbenzylphthalate	13.492	149	175006	43.53	ng		96
81) Benzo(a)anthracene	14.068	228	321835	38.53	ng		98
82) 3,3'-Dichlorobenzidine	14.027	252	101174	38.99	ng	#	99
83) Chrysene	14.104	228	320596	39.91	ng		97
84) Bis(2-ethylhexyl)phtha...	14.057	149	222027	39.13	ng	#	98
85) Di-n-octyl phthalate	14.668	149	335950	39.17	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	267752	38.30	ng	#	95
88) Benzo(b)fluoranthene	15.133	252	275438	39.33	ng		98
89) Benzo(k)fluoranthene	15.163	252	260783	40.86	ng		98
90) Benzo(a)pyrene	15.510	252	237922	39.30	ng		95
91) Dibenzo(a,h)anthracene	17.104	278	228346	38.78	ng	#	97
92) Benzo(g,h,i)perylene	17.539	276	216026	36.58	ng	#	96

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

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