Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124034.D
Acq On : 24 May 2021 12:49
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/25/2021 11:17:52 AM

Quant Time: May 24 13:27:41 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	6.893	152	58499	20.00	ng		-0.01
21) Naphthalene-d8	8.181	136	213604	20.00	ng		0.00
39) Acenaphthene-d10	9.934	164	121347	20.00	ng		-0.01
64) Phenanthrene-d10	11.422	188	214720	20.00	ng		0.00
76) Chrysene-d12	14.069	240	141000	20.00	ng		0.00
86) Perylene-d12	15.551	264	114971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	316748	76.02	ng		0.00
7) Phenol-d6	6.522	99	428069	79.20	ng		0.00
23) Nitrobenzene-d5	7.457	82	413523	83.41	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	125423	86.05	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	737558	74.80	ng		0.00
79) Terphenyl-d14	13.010	244	772944	83.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	67304	36.78	ng		96
3) Pyridine	3.457	79	180215	38.16	ng		93
4) n-Nitrosodimethylamine	3.416	42	117141	38.19	ng		88
6) Aniline	6.557	93	240051	39.12	ng		93
8) 2-Chlorophenol	6.681	128	168761	38.92	ng		96
9) Benzaldehyde	6.445	77	96332	41.19	ng		90
10) Phenol	6.534	94	232459	42.55	ng		96
11) bis(2-Chloroethyl)ether	6.628	93	166083	39.12	ng		96
12) 1,3-Dichlorobenzene	6.834	146	199746	39.54	ng		97
13) 1,4-Dichlorobenzene	6.910	146	202175	39.12	ng		98
14) 1,2-Dichlorobenzene	7.069	146	188182	38.97	ng		98
15) Benzyl Alcohol	7.034	79	183548	39.32	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	317686	37.17	ng		95
17) 2-Methylphenol	7.145	107	137162	39.01	ng		94
18) Hexachloroethane	7.410	117	75237	39.28	ng	#	85
19) n-Nitroso-di-n-propyla...	7.310	70	143250	39.22	ng		99
20) 3+4-Methylphenols	7.298	107	186836	40.34	ng		94
22) Acetophenone	7.304	105	237557	39.16	ng	#	92
24) Nitrobenzene	7.481	77	211929	41.81	ng		98
25) Isophorone	7.716	82	379073	39.75	ng		99
26) 2-Nitrophenol	7.792	139	92020	48.26	ng		99
27) 2,4-Dimethylphenol	7.828	122	134477	36.83	ng		93
28) bis(2-Chloroethoxy)met...	7.922	93	187456	39.09	ng		98
29) 2,4-Dichlorophenol	8.034	162	154007	41.67	ng		94
30) 1,2,4-Trichlorobenzene	8.122	180	166230	40.01	ng		97
31) Naphthalene	8.198	128	497286	39.34	ng		99
32) Benzoic acid	7.951	122	71951	35.91	ng		96
33) 4-Chloroaniline	8.245	127	188248	39.12	ng		98
34) Hexachlorobutadiene	8.316	225	114646	42.14	ng		98
35) Caprolactam	8.622	113	41637	41.38	ng	#	78
36) 4-Chloro-3-methylphenol	8.728	107	160513	39.71	ng	#	86
37) 2-Methylnaphthalene	8.892	142	339093	39.58	ng		97
38) 1-Methylnaphthalene	8.992	142	313213	39.17	ng		94
40) 1,2,4,5-Tetrachloroben...	9.057	216	161468	36.89	ng		98
41) Hexachlorocyclopentadiene	9.045	237	107463	38.60	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	108209	38.10	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	114773	38.90	ng		96
46) 1,1'-Biphenyl	9.357	154	400239	37.45	ng		98
47) 2-Chloronaphthalene	9.381	162	316722	37.31	ng		99
48) 2-Nitroaniline	9.475	65	125172	43.66	ng		97
49) Acenaphthylene	9.798	152	475700	37.93	ng		99
50) Dimethylphthalate	9.657	163	376262	38.83	ng		99
51) 2,6-Dinitrotoluene	9.716	165	85456	43.61	ng		91
52) Acenaphthene	9.969	154	333714	38.87	ng		96
53) 3-Nitroaniline	9.886	138	82501	42.36	ng		99
54) 2,4-Dinitrophenol	9.992	184	39732	41.57	ng	#	83
55) Dibenzofuran	10.139	168	467995	37.95	ng		98
56) 4-Nitrophenol	10.039	139	62339	38.70	ng		92
57) 2,4-Dinitrotoluene	10.122	165	118306	49.23	ng	#	91
58) Fluorene	10.486	166	361037	38.85	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.257	232	94711m	39.04	ng		
60) Diethylphthalate	10.351	149	379847	39.58	ng		95
61) 4-Chlorophenyl-phenyle...	10.475	204	180591	38.78	ng		93
62) 4-Nitroaniline	10.498	138	82340	42.51	ng		92
63) Azobenzene	10.633	77	414577	38.84	ng		93
65) 4,6-Dinitro-2-methylph...	10.528	198	62614	45.57	ng		87
66) n-Nitrosodiphenylamine	10.592	169	315386	38.44	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	112014	39.69	ng	#	91
68) Hexachlorobenzene	11.033	284	122504	38.89	ng		95
69) Atrazine	11.116	200	94977	40.99	ng		98
70) Pentachlorophenol	11.222	266	62421	33.42	ng		99
71) Phenanthrene	11.451	178	510392	37.51	ng		97
72) Anthracene	11.498	178	514786	37.33	ng		98
73) Carbazole	11.651	167	446866	37.04	ng		96
74) Di-n-butylphthalate	11.980	149	573828	38.00	ng		99
75) Fluoranthene	12.639	202	511804	36.32	ng		98
77) Benzidine	12.751	184	138204m	40.62	ng		
78) Pyrene	12.869	202	513905	41.05	ng		97
80) Butylbenzylphthalate	13.480	149	213185	43.43	ng		96
81) Benzo(a)anthracene	14.057	228	389531	38.20	ng		97
82) 3,3'-Dichlorobenzidine	14.016	252	123061	38.85	ng		98
83) Chrysene	14.092	228	373947	38.13	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	282292	40.75	ng		97
85) Di-n-octyl phthalate	14.657	149	423574	40.45	ng		96
87) Indeno(1,2,3-cd)pyrene	17.068	276	314457	35.42	ng		95
88) Benzo(b)fluoranthene	15.116	252	341695m	38.42	ng		
89) Benzo(k)fluoranthene	15.151	252	306083	37.76	ng		98
90) Benzo(a)pyrene	15.492	252	290017	37.72	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	268515	35.91	ng	#	97
92) Benzo(g,h,i)perylene	17.521	276	259326	34.58	ng		98

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

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