Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
Data File : BF122970.D
Acq On : 15 Jan 2021 18:51
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/18/2021 3:37:24 PM

Quant Time: Jan 16 00:30:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 00:28:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	225872	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	891532	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	438932	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	731935	20.00	ng		0.00
76) Chrysene-d12	14.068	240	590214	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	560831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	627759	41.72	ng		0.00
7) Phenol-d6	6.510	99	833703	40.83	ng		-0.01
23) Nitrobenzene-d5	7.457	82	713158	39.55	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	200466	40.43	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1293746	41.78	ng		0.00
79) Terphenyl-d14	13.010	244	1339633	42.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	145875	20.75	ng	#	82
3) Pyridine	3.440	79	399169	20.89	ng	#	82
4) n-Nitrosodimethylamine	3.387	42	175953	22.02	ng		89
6) Aniline	6.557	93	490381	20.14	ng		99
8) 2-Chlorophenol	6.675	128	330884	20.43	ng		92
9) Benzaldehyde	6.445	77	202703	19.12	ng		98
10) Phenol	6.522	94	412782	20.42	ng		90
11) bis(2-Chloroethyl)ether	6.628	93	338017	20.85	ng		95
12) 1,3-Dichlorobenzene	6.839	146	379842	20.59	ng		98
13) 1,4-Dichlorobenzene	6.916	146	379272	20.45	ng		98
14) 1,2-Dichlorobenzene	7.069	146	362760	20.71	ng		99
15) Benzyl Alcohol	7.028	79	290534	20.17	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	588337	23.18	ng		91
17) 2-Methylphenol	7.133	107	270226	20.10	ng		99
18) Hexachloroethane	7.416	117	137637	19.86	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	241430	19.38	ng		92
20) 3+4-Methylphenols	7.286	107	355516	20.72	ng	#	70
22) Acetophenone	7.298	105	459703	19.53	ng		97
24) Nitrobenzene	7.475	77	360279	19.96	ng		97
25) Isophorone	7.710	82	625696	19.35	ng		97
26) 2-Nitrophenol	7.792	139	161590	20.29	ng		93
27) 2,4-Dimethylphenol	7.822	122	258069	18.24	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	421722	19.25	ng		100
29) 2,4-Dichlorophenol	8.027	162	272404	19.03	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	292452	17.85	ng		99
31) Naphthalene	8.204	128	950855	19.60	ng		99
32) Benzoic acid	7.910	122	189130	17.83	ng		98
33) 4-Chloroaniline	8.245	127	400946	19.06	ng		98
34) Hexachlorobutadiene	8.322	225	155244	16.27	ng		99
35) Caprolactam	8.592	113	91625	19.07	ng	#	71
36) 4-Chloro-3-methylphenol	8.716	107	284407	19.32	ng		99
37) 2-Methylnaphthalene	8.892	142	652666	19.57	ng		98
38) 1-Methylnaphthalene	8.992	142	616630	19.53	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	246816	17.64	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	119232	15.93	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	181658	18.33	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	188895	19.27	ng		98
46) 1,1'-Biphenyl	9.357	154	755762	21.43	ng		98
47) 2-Chloronaphthalene	9.380	162	623144	21.76	ng		99
48) 2-Nitroaniline	9.469	65	207024	24.03	ng		82
49) Acenaphthylene	9.798	152	916183	21.63	ng		98
50) Dimethylphthalate	9.651	163	696306	21.33	ng		98
51) 2,6-Dinitrotoluene	9.710	165	149775	21.45	ng	#	79
52) Acenaphthene	9.969	154	581473	20.88	ng		100
53) 3-Nitroaniline	9.880	138	189135	23.05	ng		96
54) 2,4-Dinitrophenol	9.980	184	54970	21.73	ng	#	13
55) Dibenzofuran	10.139	168	824239	20.89	ng		99
56) 4-Nitrophenol	10.021	139	140611	22.63	ng	#	83
57) 2,4-Dinitrotoluene	10.116	165	198979	22.28	ng		93
58) Fluorene	10.486	166	638534	19.93	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	148698m	17.46	ng		
60) Diethylphthalate	10.357	149	691092	21.17	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	287138	18.51	ng		93
62) 4-Nitroaniline	10.492	138	184653	22.92	ng		88
63) Azobenzene	10.639	77	702821	21.85	ng		98
65) 4,6-Dinitro-2-methylph...	10.521	198	73707	22.25	ng		87
66) n-Nitrosodiphenylamine	10.592	169	568576	23.06	ng		99
67) 4-Bromophenyl-phenylether	10.968	248	181053	20.46	ng		97
68) Hexachlorobenzene	11.033	284	205025	21.57	ng	#	94
69) Atrazine	11.116	200	150885	19.11	ng		97
70) Pentachlorophenol	11.221	266	110945	19.29	ng		98
71) Phenanthrene	11.451	178	929968	22.42	ng		98
72) Anthracene	11.498	178	915896	22.27	ng		99
73) Carbazole	11.651	167	882994	23.15	ng		98
74) Di-n-butylphthalate	11.986	149	1080308	23.70	ng		99
75) Fluoranthene	12.639	202	940739	21.31	ng		98
77) Benzidine	12.757	184	310743	18.44	ng		99
78) Pyrene	12.868	202	966897	21.08	ng		99
80) Butylbenzylphthalate	13.486	149	434490	21.74	ng		93
81) Benzo(a)anthracene	14.057	228	816523	20.62	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	268013	20.36	ng		98
83) Chrysene	14.098	228	812853	21.29	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	589553	22.46	ng		99
85) Di-n-octyl phthalate	14.668	149	966074	21.74	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.033	276	765344	21.12	ng	#	93
88) Benzo(b)fluoranthene	15.115	252	748425	18.98	ng		98
89) Benzo(k)fluoranthene	15.145	252	838234	23.09	ng		98
90) Benzo(a)pyrene	15.486	252	722570	20.86	ng		98
91) Dibenzo(a,h)anthracene	17.050	278	629082	21.16	ng	#	95
92) Benzo(g,h,i)perylene	17.480	276	606736	21.43	ng	#	93

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

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