Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123231.D
Acq On : 19 Feb 2021 16:40
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF021921

Manual Integrations APPROVED
mohammad
2/22/2021 2:09:55 PM

Quant Time: Feb 19 17:37:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	142381	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	563326	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	298807	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	675231	20.00	ng		# 0.00
76) Chrysene-d12	14.051	240	438990	20.00	ng		0.00
86) Perylene-d12	15.521	264	413378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	761960	77.03	ng		0.00
7) Phenol-d6	6.492	99	1052209	78.30	ng		0.00
23) Nitrobenzene-d5	7.428	82	965226	78.44	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	284957	93.66	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1590094	76.44	ng		0.00
79) Terphenyl-d14	12.986	244	1843549	80.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	218556	38.29	ng		92
3) Pyridine	3.357	79	476960	34.29	ng		94
4) n-Nitrosodimethylamine	3.316	42	271208	42.17	ng		90
6) Aniline	6.522	93	624284	39.33	ng		95
8) 2-Chlorophenol	6.645	128	421709	39.68	ng		94
9) Benzaldehyde	6.410	77	288371	42.35	ng		94
10) Phenol	6.504	94	574551	39.23	ng		98
11) bis(2-Chloroethyl)ether	6.598	93	409569	38.99	ng		99
12) 1,3-Dichlorobenzene	6.798	146	442397	40.02	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	441422	39.18	ng	#	94
14) 1,2-Dichlorobenzene	7.034	146	419381	40.02	ng		96
15) Benzyl Alcohol	7.004	79	421509	40.23	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.134	45	549853	38.16	ng		99
17) 2-Methylphenol	7.110	107	358509	40.11	ng		94
18) Hexachloroethane	7.375	117	168811	41.48	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	335292	41.94	ng		98
20) 3+4-Methylphenols	7.269	107	450898	38.41	ng		92
22) Acetophenone	7.275	105	570835	39.07	ng		97
24) Nitrobenzene	7.445	77	509949	39.30	ng		92
25) Isophorone	7.687	82	920446	40.00	ng		97
26) 2-Nitrophenol	7.757	139	224669	41.34	ng	#	86
27) 2,4-Dimethylphenol	7.798	122	333080	39.59	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	479897	39.85	ng		100
29) 2,4-Dichlorophenol	8.004	162	341937	39.36	ng		93
30) 1,2,4-Trichlorobenzene	8.086	180	374202	39.62	ng		98
31) Naphthalene	8.169	128	1200798	38.89	ng		99
32) Benzoic acid	7.928	122	263129	42.40	ng		90
33) 4-Chloroaniline	8.216	127	495958	39.48	ng	#	94
34) Hexachlorobutadiene	8.287	225	215945	40.53	ng		99
35) Caprolactam	8.592	113	117258m	40.23	ng		
36) 4-Chloro-3-methylphenol	8.698	107	420512	40.72	ng		93
37) 2-Methylnaphthalene	8.857	142	811927	39.48	ng		97
38) 1-Methylnaphthalene	8.957	142	764828	39.76	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	348639	39.05	ng		97
41) Hexachlorocyclopentadiene	9.016	237	181210	43.32	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	249104	39.34	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	271213	40.02	ng	#	90
46) 1,1'-Biphenyl	9.328	154	949284	38.30	ng		99
47) 2-Chloronaphthalene	9.351	162	757732	38.74	ng		99
48) 2-Nitroaniline	9.445	65	278354	39.72	ng	#	80
49) Acenaphthylene	9.769	152	1141200	38.47	ng		99
50) Dimethylphthalate	9.628	163	881125	39.43	ng		99
51) 2,6-Dinitrotoluene	9.686	165	210089	40.80	ng	#	74
52) Acenaphthene	9.939	154	820754	40.12	ng		97
53) 3-Nitroaniline	9.857	138	223721	39.14	ng	#	78
54) 2,4-Dinitrophenol	9.963	184	139782	51.67	ng		90
55) Dibenzofuran	10.110	168	1275618	46.06	ng		95
56) 4-Nitrophenol	10.016	139	227969	50.05	ng	#	72
57) 2,4-Dinitrotoluene	10.092	165	336881	48.65	ng	#	83
58) Fluorene	10.457	166	995947	45.70	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	254268	47.03	ng	#	82
60) Diethylphthalate	10.328	149	1082108	48.90	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	475010	45.78	ng		96
62) 4-Nitroaniline	10.475	138	284312	49.41	ng		90
63) Azobenzene	10.604	77	1259064	49.38	ng		93
65) 4,6-Dinitro-2-methylph...	10.504	198	200151	44.03	ng		83
66) n-Nitrosodiphenylamine	10.563	169	908152	38.89	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	281319	38.22	ng		97
68) Hexachlorobenzene	11.004	284	291768	37.63	ng	#	85
69) Atrazine	11.092	200	286930	38.89	ng		97
70) Pentachlorophenol	11.198	266	198747	40.59	ng		99
71) Phenanthrene	11.422	178	1480597	37.08	ng		99
72) Anthracene	11.475	178	1464294	36.75	ng		99
73) Carbazole	11.627	167	1341248	35.75	ng		99
74) Di-n-butylphthalate	11.957	149	1676618	39.97	ng		99
75) Fluoranthene	12.616	202	1339652	31.65	ng		98
77) Benzidine	12.733	184	595310	41.98	ng		99
78) Pyrene	12.845	202	1363167	39.77	ng		100
80) Butylbenzylphthalate	13.463	149	607219	41.91	ng		94
81) Benzo(a)anthracene	14.039	228	1183080	39.66	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	397870	40.12	ng	#	97
83) Chrysene	14.074	228	1155710	39.44	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	826855	41.46	ng		99
85) Di-n-octyl phthalate	14.639	149	1407160	41.30	ng		97
87) Indeno(1,2,3-cd)pyrene	17.009	276	1101323	38.55	ng		97
88) Benzo(b)fluoranthene	15.092	252	1237646	42.63	ng		98
89) Benzo(k)fluoranthene	15.127	252	1019070	38.72	ng		98
90) Benzo(a)pyrene	15.463	252	1030035	39.79	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	951356	38.81	ng		98
92) Benzo(g,h,i)perylene	17.456	276	886115	39.25	ng		98

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

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