Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010721\
Data File : BF122933.D
Acq On : 7 Jan 2021 19:17
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF010721

Manual Integrations APPROVED
mohammad
1/8/2021 4:40:44 PM

Quant Time: Jan 08 16:29:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 16:17:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	199334	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	735932	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	406424	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	740554	20.00	ng		0.00
76) Chrysene-d12	14.104	240	575001	20.00	ng		0.00
86) Perylene-d12	15.592	264	479859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	926494	69.78	ng		0.00
7) Phenol-d6	6.539	99	1264493	70.18	ng		0.00
23) Nitrobenzene-d5	7.481	82	1065202	71.57	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	327739	71.39	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1921631	75.06	ng		0.00
79) Terphenyl-d14	13.045	244	2242155	72.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	222840	35.92	ng		97
3) Pyridine	3.481	79	591145	35.05	ng		96
4) n-Nitrosodimethylamine	3.440	42	243476	34.53	ng		96
6) Aniline	6.581	93	755525	35.16	ng		98
8) 2-Chlorophenol	6.704	128	506221	35.42	ng		99
9) Benzaldehyde	6.469	77	317153	39.73	ng		100
10) Phenol	6.551	94	625138	35.05	ng		85
11) bis(2-Chloroethyl)ether	6.651	93	506043	35.37	ng		95
12) 1,3-Dichlorobenzene	6.863	146	574974	35.31	ng		99
13) 1,4-Dichlorobenzene	6.939	146	575624	35.17	ng		99
14) 1,2-Dichlorobenzene	7.092	146	546894	35.39	ng		99
15) Benzyl Alcohol	7.057	79	448459	35.27	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	767063	34.24	ng		96
17) 2-Methylphenol	7.163	107	411907	34.71	ng		97
18) Hexachloroethane	7.439	117	214519	35.08	ng		94
19) n-Nitroso-di-n-propyla...	7.334	70	375511	34.16	ng		98
20) 3+4-Methylphenols	7.316	107	530893	35.05	ng	#	75
22) Acetophenone	7.328	105	691447	35.58	ng	#	95
24) Nitrobenzene	7.498	77	531808	35.69	ng		97
25) Isophorone	7.739	82	931709	34.91	ng		100
26) 2-Nitrophenol	7.816	139	235438	35.81	ng		96
27) 2,4-Dimethylphenol	7.845	122	405788	34.74	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	642861	35.55	ng		99
29) 2,4-Dichlorophenol	8.051	162	423837	35.87	ng		95
30) 1,2,4-Trichlorobenzene	8.145	180	490822	36.29	ng		98
31) Naphthalene	8.228	128	1436842	35.88	ng		99
32) Benzoic acid	7.957	122	319828m	36.52	ng		
33) 4-Chloroaniline	8.269	127	614197	35.38	ng		99
34) Hexachlorobutadiene	8.345	225	290332	36.85	ng		99
35) Caprolactam	8.639	113	136307	34.38	ng		90
36) 4-Chloro-3-methylphenol	8.745	107	428047	35.23	ng		93
37) 2-Methylnaphthalene	8.916	142	985685	35.81	ng		97
38) 1-Methylnaphthalene	9.016	142	930993	35.72	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	468652	36.17	ng		99
41) Hexachlorocyclopentadiene	9.075	237	241948	34.91	ng		97
43) 2,4,6-Trichlorophenol	9.192	196	323365	35.24	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	325025	35.82	ng		96
46) 1,1'-Biphenyl	9.386	154	1156308	35.41	ng		99
47) 2-Chloronaphthalene	9.410	162	943625	35.58	ng		96
48) 2-Nitroaniline	9.498	65	279023	34.97	ng		91
49) Acenaphthylene	9.827	152	1388170	35.40	ng		99
50) Dimethylphthalate	9.680	163	1054395	34.88	ng		98
51) 2,6-Dinitrotoluene	9.739	165	233396	36.10	ng	#	87
52) Acenaphthene	9.998	154	919369	35.66	ng		99
53) 3-Nitroaniline	9.910	138	266725	35.11	ng		91
54) 2,4-Dinitrophenol	10.010	184	85129	36.34	ng	#	72
55) Dibenzofuran	10.169	168	1298052	35.53	ng		97
56) 4-Nitrophenol	10.051	139	206203	35.83	ng		86
57) 2,4-Dinitrotoluene	10.145	165	306461	37.06	ng		91
58) Fluorene	10.516	166	1001271	33.75	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	284407	36.06	ng		96
60) Diethylphthalate	10.386	149	1062691	35.16	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	509725	35.49	ng		95
62) 4-Nitroaniline	10.527	138	266085	35.67	ng		95
63) Azobenzene	10.669	77	1045625	35.11	ng		95
65) 4,6-Dinitro-2-methylph...	10.551	198	121462	36.23	ng		94
66) n-Nitrosodiphenylamine	10.622	169	896197	35.93	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	321792	35.95	ng		94
68) Hexachlorobenzene	11.063	284	347309	36.12	ng		94
69) Atrazine	11.151	200	288595	36.13	ng		97
70) Pentachlorophenol	11.251	266	215643	37.05	ng		99
71) Phenanthrene	11.480	178	1482237	35.32	ng		98
72) Anthracene	11.533	178	1483758	35.66	ng		99
73) Carbazole	11.680	167	1379140	35.74	ng		99
74) Di-n-butylphthalate	12.016	149	1652808	35.84	ng		99
75) Fluoranthene	12.674	202	1614378	36.15	ng		99
77) Benzidine	12.786	184	543062	33.08	ng		99
78) Pyrene	12.904	202	1626752	36.40	ng		99
80) Butylbenzylphthalate	13.521	149	705444	36.23	ng		97
81) Benzo(a)anthracene	14.092	228	1353381	35.07	ng		100
82) 3,3'-Dichlorobenzidine	14.051	252	438535	34.19	ng	#	96
83) Chrysene	14.133	228	1314121	35.33	ng		96
84) Bis(2-ethylhexyl)phtha...	14.086	149	922809	36.09	ng		95
85) Di-n-octyl phthalate	14.704	149	1560444	36.05	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	1169816	37.72	ng		98
88) Benzo(b)fluoranthene	15.157	252	1216178	36.06	ng		99
89) Benzo(k)fluoranthene	15.186	252	1178293	37.94	ng		99
90) Benzo(a)pyrene	15.533	252	1098027	37.04	ng		100
91) Dibenzo(a,h)anthracene	17.121	278	961258	37.79	ng		98
92) Benzo(g,h,i)perylene	17.556	276	910851	37.61	ng		98

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

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