Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121672.D
Acq On : 23 Sep 2020 17:41
Operator : JU/CG
Sample : L3863-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MS

Manual Integrations APPROVED
mohammad
9/24/2020 10:46:35 AM

Quant Time: Sep 23 18:35:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148130	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	582932	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	307968	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	599167	20.00	ng	0.00
76) Chrysene-d12	13.98	240	510039	20.00	ng	0.00
86) Perylene-d12	15.43	264	480582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1058673	106.21	ng	0.02
7) Phenol-d6	6.46	99	1275839	97.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	1037129	95.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	518599	135.49	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1803661	88.70	ng	0.00
79) Terphenyl-d14	12.93	244	2076065	82.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	168121	36.714	ng	# 84
3) Pyridine	3.44	79	370858	29.295	ng	98
4) n-Nitrosodimethylamine	3.37	42	241728	41.166	ng	99
6) Aniline	6.47	93	244974	14.384	ng	# 30
8) 2-Chlorophenol	6.60	128	470874	46.399	ng	99
9) Benzaldehyde	6.36	77	127426	14.906	ng	99
10) Phenol	6.47	94	491285	35.280	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	496357	47.293	ng	98
12) 1,3-Dichlorobenzene	6.75	146	493969	43.609	ng	96
13) 1,4-Dichlorobenzene	6.83	146	502617	44.191	ng	97
14) 1,2-Dichlorobenzene	6.98	146	473145	45.158	ng	99
15) Benzyl Alcohol	6.96	79	428771	48.240	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	715507	42.366	ng	86
17) 2-Methylphenol	7.07	107	373585	43.265	ng	96
18) Hexachloroethane	7.32	117	183960	45.172	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	341948	45.372	ng	99
20) 3+4-Methylphenols	7.23	107	446373	43.025	ng	96
22) Acetophenone	7.22	105	643174	43.487	ng	# 96
24) Nitrobenzene	7.40	77	518151	44.126	ng	98
25) Isophorone	7.64	82	943950	43.191	ng	98
26) 2-Nitrophenol	7.71	139	251827	45.685	ng	95
27) 2,4-Dimethylphenol	7.75	122	414495	42.487	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	597882	44.189	ng	99
29) 2,4-Dichlorophenol	7.96	162	395849	44.550	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	408895	43.694	ng	99
31) Naphthalene	8.12	128	1329232	43.196	ng	99
32) Benzoic acid	7.90	122	267605	38.389	ng	96
33) 4-Chloroaniline	8.16	127	169255	12.689	ng	97
34) Hexachlorobutadiene	8.23	225	247756	45.105	ng	99
35) Caprolactam	8.55	113	105003m	35.486	ng	
36) 4-Chloro-3-methylphenol	8.66	107	436958	45.650	ng	100
37) 2-Methylnaphthalene	8.81	142	889470	44.107	ng	100
38) 1-Methylnaphthalene	8.90	142	827409	44.086	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	421745	43.841	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	417142	75.931	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	295148	45.012	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	316606	45.674	ng	96
46) 1,1'-Biphenyl	9.27	154	1075543	43.624	ng	100
47) 2-Chloronaphthalene	9.30	162	848794	43.688	ng	99
48) 2-Nitroaniline	9.40	65	289828	48.005	ng	95
49) Acenaphthylene	9.72	152	1294835	43.376	ng	99
50) Dimethylphthalate	9.58	163	1036273	46.426	ng	100
51) 2,6-Dinitrotoluene	9.64	165	233101	49.036	ng	98
52) Acenaphthene	9.89	154	782596	41.507	ng	99
53) 3-Nitroaniline	9.81	138	135674	24.638	ng	99
54) 2,4-Dinitrophenol	9.92	184	262427	93.937	ng	97
55) Dibenzofuran	10.06	168	1157672	43.600	ng	100
56) 4-Nitrophenol	9.99	139	343370	78.187	ng	93
57) 2,4-Dinitrotoluene	10.05	165	308762	51.629	ng	93
58) Fluorene	10.40	166	910907	44.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	264496	46.935	ng	99
60) Diethylphthalate	10.28	149	1028326	47.252	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	448228	46.081	ng	97
62) 4-Nitroaniline	10.43	138	231893	42.411	ng	95
63) Azobenzene	10.55	77	1020760	44.045	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	177739	48.293	ng	88
66) n-Nitrosodiphenylamine	10.52	169	876621	42.645	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	304595	44.650	ng	96
68) Hexachlorobenzene	10.95	284	346668	45.030	ng	96
69) Atrazine	11.04	200	222470	43.562	ng	98
70) Pentachlorophenol	11.15	266	376995	89.167	ng	97
71) Phenanthrene	11.36	178	1394328	42.712	ng	99
72) Anthracene	11.42	178	1434790	42.590	ng	99
73) Carbazole	11.57	167	1315785	43.282	ng	100
74) Di-n-butylphthalate	11.90	149	1595389	45.469	ng	99
75) Fluoranthene	12.55	202	1560503	44.780	ng	99
77) Benzidine	12.67	184	139818	8.269	ng	100
78) Pyrene	12.78	202	1583991	42.506	ng	100
80) Butylbenzylphthalate	13.40	149	690011	45.783	ng	96
81) Benzo(a)anthracene	13.97	228	1412331	43.769	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	364784	28.957	ng	99
83) Chrysene	14.01	228	1394339	42.673	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	922260	45.806	ng	99
85) Di-n-octyl phthalate	14.57	149	1626709	45.781	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1360869	43.482	ng	100
88) Benzo(b)fluoranthene	15.01	252	1563018	48.651	ng	99
89) Benzo(k)fluoranthene	15.04	252	1263527	42.947	ng	99
90) Benzo(a)pyrene	15.37	252	1253961	45.917	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1113002	42.721	ng	99
92) Benzo(g,h,i)perylene	17.32	276	1097837	42.869	ng	98

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

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