Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122881.D
Acq On : 30 Dec 2020 16:27
Operator : JU/CG
Sample : L5242-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)MS

Manual Integrations APPROVED
mohammad
12/31/2020 10:45:07 AM

Quant Time: Dec 30 16:54:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	112581	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	433144	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	222987	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	377218	20.00	ng		0.00
76) Chrysene-d12	13.998	240	299162	20.00	ng		0.01
86) Perylene-d12	15.463	264	338446	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	704460	99.06	ng		0.01
7) Phenol-d6	6.463	99	879337	93.24	ng		0.00
23) Nitrobenzene-d5	7.387	82	577105	66.75	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	285979	97.98	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1031643	62.58	ng		0.00
79) Terphenyl-d14	12.933	244	994630	58.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	139133	41.63	ng		97
3) Pyridine	3.357	79	349357	39.54	ng		98
4) n-Nitrosodimethylamine	3.310	42	143074	40.38	ng		100
6) Aniline	6.481	93	199608	17.98	ng	#	1
8) 2-Chlorophenol	6.610	128	372756	47.56	ng		96
9) Benzaldehyde	6.369	77	84483	14.80	ng		98
10) Phenol	6.475	94	428357	43.83	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	345934	46.33	ng		98
12) 1,3-Dichlorobenzene	6.763	146	415427	44.79	ng		99
13) 1,4-Dichlorobenzene	6.840	146	421480	45.07	ng		100
14) 1,2-Dichlorobenzene	6.993	146	403571	44.71	ng		100
15) Benzyl Alcohol	6.969	79	306257	47.16	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	431664	40.55	ng		89
17) 2-Methylphenol	7.087	107	292789	46.99	ng		96
18) Hexachloroethane	7.334	117	147207	44.17	ng		96
19) n-Nitroso-di-n-propyla...	7.240	70	245200	45.39	ng		99
20) 3+4-Methylphenols	7.240	107	363056	46.13	ng	#	89
22) Acetophenone	7.234	105	479564	44.53	ng	#	98
24) Nitrobenzene	7.404	77	374579	43.55	ng		99
25) Isophorone	7.645	82	680116	45.68	ng		100
26) 2-Nitrophenol	7.722	139	203840	48.60	ng		98
27) 2,4-Dimethylphenol	7.763	122	321699	52.33	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	445213	43.66	ng		99
29) 2,4-Dichlorophenol	7.969	162	315720	43.97	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	350125	43.04	ng		97
31) Naphthalene	8.128	128	1068705	44.71	ng		100
32) Benzoic acid	7.910	122	218803	44.67	ng		97
33) 4-Chloroaniline	8.181	127	102697	10.28	ng		99
34) Hexachlorobutadiene	8.245	225	212414	42.43	ng		100
35) Caprolactam	8.557	113	91981m	42.54	ng		
36) 4-Chloro-3-methylphenol	8.675	107	320158	45.27	ng		99
37) 2-Methylnaphthalene	8.822	142	714110	45.17	ng		99
38) 1-Methylnaphthalene	8.922	142	655938	43.86	ng		98
40) 1,2,4,5-Tetrachloroben...	8.987	216	342951	46.43	ng		99
41) Hexachlorocyclopentadiene	8.969	237	128269	39.28	ng		96
43) 2,4,6-Trichlorophenol	9.104	196	224302	43.97	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	239327	45.39	ng	96
46) 1,1'-Biphenyl	9.287	154	854116	46.15	ng	98
47) 2-Chloronaphthalene	9.310	162	668347	43.59	ng	99
48) 2-Nitroaniline	9.410	65	181931	40.70	ng	98
49) Acenaphthylene	9.728	152	1056791	46.66	ng	99
50) Dimethylphthalate	9.586	163	878581	49.34	ng	100
51) 2,6-Dinitrotoluene	9.651	165	176612	46.96	ng	99
52) Acenaphthene	9.898	154	601126	41.03	ng	98
53) 3-Nitroaniline	9.822	138	84584	19.46	ng	96
54) 2,4-Dinitrophenol	9.934	184	138486	75.31	ng	97
55) Dibenzofuran	10.069	168	905051	43.91	ng	100
56) 4-Nitrophenol	9.998	139	221728	71.55	ng	99
57) 2,4-Dinitrotoluene	10.057	165	221183	44.15	ng	97
58) Fluorene	10.410	166	723156	44.11	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	199015	42.96	ng	99
60) Diethylphthalate	10.286	149	781120	45.10	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	357892	44.34	ng	93
62) 4-Nitroaniline	10.433	138	155514	35.25	ng	98
63) Azobenzene	10.563	77	694638	43.63	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	107474	46.72	ng	97
66) n-Nitrosodiphenylamine	10.522	169	632759	47.47	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	237612	46.48	ng	93
68) Hexachlorobenzene	10.963	284	250633	44.35	ng	99
69) Atrazine	11.051	200	174838	40.39	ng	100
70) Pentachlorophenol	11.163	266	242527	81.01	ng	98
71) Phenanthrene	11.375	178	1029984	45.94	ng	99
72) Anthracene	11.428	178	1093300	49.18	ng	99
73) Carbazole	11.580	167	908122	45.04	ng	100
74) Di-n-butylphthalate	11.910	149	1207542	47.67	ng	99
75) Fluoranthene	12.569	202	1505034	64.02	ng	99
77) Benzidine	12.686	184	348106	53.80	ng	99
78) Pyrene	12.798	202	1527947	66.06	ng	100
80) Butylbenzylphthalate	13.404	149	465697	44.70	ng	100
81) Benzo(a)anthracene	13.986	228	1216847	60.86	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	233453	32.60	ng	100
83) Chrysene	14.027	228	1267328	63.70	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	715470	50.15	ng	100
85) Di-n-octyl phthalate	14.580	149	1180713	49.89	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	1371842	61.75	ng	99
88) Benzo(b)fluoranthene	15.045	252	1687454	71.06	ng	100
89) Benzo(k)fluoranthene	15.068	252	1104163	50.86	ng	99
90) Benzo(a)pyrene	15.404	252	1176387	56.63	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	981719	53.99	ng	99
92) Benzo(g,h,i)perylene	17.380	276	1187805	67.50	ng	99

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

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