Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122549.D
Acq On : 4 Dec 2020 17:05
Operator : JU/CG
Sample : L4910-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B47-113020-0-10MS

Manual Integrations APPROVED
mohammad
12/7/2020 1:59:08 PM

Quant Time: Dec 04 17:46:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	178777	20.00	ng		0.00
21) Naphthalene-d8	8.133	136	701202	20.00	ng		0.00
39) Acenaphthene-d10	9.892	164	381341	20.00	ng		0.00
64) Phenanthrene-d10	11.374	188	723255	20.00	ng		0.00
76) Chrysene-d12	14.015	240	598279	20.00	ng		0.00
86) Perylene-d12	15.480	264	507744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	881986	75.75	ng		0.01
7) Phenol-d6	6.481	99	1031920	67.75	ng		0.00
23) Nitrobenzene-d5	7.410	82	767927	67.05	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	417026	101.89	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1475521	60.46	ng		0.00
79) Terphenyl-d14	12.963	244	1738391	61.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	139064	26.04	ng		88
3) Pyridine	3.440	79	349588	23.81	ng		89
4) n-Nitrosodimethylamine	3.369	42	173339	25.04	ng		90
6) Aniline	6.510	93	204162	10.22	ng		95
8) 2-Chlorophenol	6.634	128	412163	34.14	ng		91
9) Benzaldehyde	6.398	77	196538	20.76	ng		93
10) Phenol	6.498	94	449856	29.99	ng		77
11) bis(2-Chloroethyl)ether	6.581	93	389376	32.66	ng		94
12) 1,3-Dichlorobenzene	6.792	146	437288m	31.90	ng		
13) 1,4-Dichlorobenzene	6.869	146	442390	32.13	ng		96
14) 1,2-Dichlorobenzene	7.022	146	429275	33.40	ng		99
15) Benzyl Alcohol	6.992	79	345884	31.94	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	513456	29.55	ng		93
17) 2-Methylphenol	7.104	107	332803	33.02	ng		99
18) Hexachloroethane	7.363	117	156261	32.59	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	285849	31.41	ng		92
20) 3+4-Methylphenols	7.257	107	394734	31.83	ng		91
22) Acetophenone	7.257	105	548093	30.01	ng	#	91
24) Nitrobenzene	7.428	77	431878	32.96	ng		98
25) Isophorone	7.669	82	777700	30.46	ng		98
26) 2-Nitrophenol	7.745	139	221530	40.23	ng		99
27) 2,4-Dimethylphenol	7.786	122	358501	29.77	ng		100
28) bis(2-Chloroethoxy)met...	7.881	93	495994	31.76	ng		99
29) 2,4-Dichlorophenol	7.992	162	364190	34.15	ng		96
30) 1,2,4-Trichlorobenzene	8.075	180	384073	32.63	ng		95
31) Naphthalene	8.157	128	1198287	32.14	ng		99
32) Benzoic acid	7.875	122	51572	14.41	ng		96
33) 4-Chloroaniline	8.198	127	120056	7.39	ng		95
34) Hexachlorobutadiene	8.275	225	224285	33.16	ng		98
35) Caprolactam	8.569	113	88925m	26.31	ng		
36) 4-Chloro-3-methylphenol	8.686	107	379267	34.10	ng		96
37) 2-Methylnaphthalene	8.845	142	823077	33.42	ng		99
38) 1-Methylnaphthalene	8.945	142	763875	33.13	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	386993	32.93	ng		99
41) Hexachlorocyclopentadiene	9.004	237	309435	45.04	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	267128	35.00	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	292639	36.58	ng		96
46) 1,1'-Biphenyl	9.310	154	997608	32.86	ng		98
47) 2-Chloronaphthalene	9.333	162	793404	32.93	ng		98
48) 2-Nitroaniline	9.433	65	237989	34.76	ng	#	82
49) Acenaphthylene	9.751	152	1242774	33.56	ng		99
50) Dimethylphthalate	9.610	163	1028021	37.93	ng		99
51) 2,6-Dinitrotoluene	9.675	165	216866	36.91	ng	#	77
52) Acenaphthene	9.922	154	814618m	35.54	ng		
53) 3-Nitroaniline	9.839	138	111530	18.59	ng		93
54) 2,4-Dinitrophenol	9.945	184	145597	65.83	ng		91
55) Dibenzofuran	10.098	168	1141029	33.98	ng		97
56) 4-Nitrophenol	10.010	139	319773	55.84	ng		96
57) 2,4-Dinitrotoluene	10.075	165	293223	39.50	ng		90
58) Fluorene	10.439	166	881637	34.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	253874	38.16	ng		96
60) Diethylphthalate	10.310	149	936429	35.22	ng		100
61) 4-Chlorophenyl-phenyle...	10.427	204	428036	35.26	ng		95
62) 4-Nitroaniline	10.457	138	218856	33.65	ng		97
63) Azobenzene	10.586	77	882974	31.65	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	127617	43.44	ng		84
66) n-Nitrosodiphenylamine	10.545	169	810205	32.88	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	292797	34.45	ng		96
68) Hexachlorobenzene	10.986	284	318296	34.66	ng		97
69) Atrazine	11.074	200	216071	35.21	ng		97
70) Pentachlorophenol	11.180	266	323107	61.07	ng		99
71) Phenanthrene	11.398	178	1367430	33.32	ng		99
72) Anthracene	11.451	178	1415401	33.47	ng		100
73) Carbazole	11.604	167	1288800	33.50	ng		100
74) Di-n-butylphthalate	11.939	149	1462712	35.66	ng		99
75) Fluoranthene	12.586	202	1461094	34.11	ng		99
77) Benzidine	12.710	184	328940	19.82	ng	#	68
78) Pyrene	12.816	202	1465834	34.87	ng		99
80) Butylbenzylphthalate	13.433	149	632681	38.25	ng		97
81) Benzo(a)anthracene	14.004	228	1266841	34.05	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	101769	7.34	ng		99
83) Chrysene	14.045	228	1280681	34.17	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	841555	41.53	ng		100
85) Di-n-octyl phthalate	14.610	149	1409010	41.02	ng		95
87) Indeno(1,2,3-cd)pyrene	16.945	276	1122848	36.85	ng		98
88) Benzo(b)fluoranthene	15.057	252	1167800	35.51	ng		98
89) Benzo(k)fluoranthene	15.086	252	1104195	34.44	ng		100
90) Benzo(a)pyrene	15.421	252	981463	34.24	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	916502	35.92	ng		100
92) Benzo(g,h,i)perylene	17.386	276	938530	37.82	ng		97

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

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