Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121851.D
Acq On : 6 Oct 2020 14:25
Operator : JU/CG
Sample : L4213-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-15(3-4)MS

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:48 AM

Quant Time: Oct 06 14:55:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131114	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	503161	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	255581	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	429797	20.00	ng		0.00
76) Chrysene-d12	13.93	240	260768	20.00	ng		0.00
86) Perylene-d12	15.36	264	271023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	999327	113.27	ng		0.01
7) Phenol-d6	6.42	99	1287358	111.22	ng		0.00
23) Nitrobenzene-d5	7.33	82	921891	98.37	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	352406	110.94	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1449180	85.88	ng		0.00
79) Terphenyl-d14	12.87	244	1152859	89.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	156317	38.566	ng		99
3) Pyridine	3.28	79	455400	40.642	ng		99
4) n-Nitrosodimethylamine	3.23	42	220763	42.475	ng		99
6) Aniline	6.43	93	379696	25.187	ng	#	1
8) 2-Chlorophenol	6.55	128	405306	45.121	ng		99
9) Benzaldehyde	6.31	77	115013	15.200	ng		99
10) Phenol	6.43	94	496281	40.264	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	406682	43.778	ng		98
12) 1,3-Dichlorobenzene	6.70	146	429967	42.885	ng		99
13) 1,4-Dichlorobenzene	6.78	146	431100	42.823	ng		99
14) 1,2-Dichlorobenzene	6.93	146	411873	44.412	ng		99
15) Benzyl Alcohol	6.92	79	356667	45.336	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	614940	41.136	ng		72
17) 2-Methylphenol	7.03	107	332469	43.500	ng	#	94
18) Hexachloroethane	7.27	117	157568	43.713	ng		95
19) n-Nitroso-di-n-propylamine	7.19	70	285235	42.759	ng		100
20) 3+4-Methylphenols	7.19	107	401278	43.698	ng	#	77
22) Acetophenone	7.18	105	541785	42.439	ng		97
24) Nitrobenzene	7.35	77	438914	43.304	ng		100
25) Isophorone	7.59	82	791137	41.938	ng		100
26) 2-Nitrophenol	7.67	139	213743	44.966	ng		99
27) 2,4-Dimethylphenol	7.71	122	357834	42.494	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	506485	43.369	ng		100
29) 2,4-Dichlorophenol	7.92	162	332731	43.383	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	347068	42.967	ng		99
31) Naphthalene	8.07	128	1143877	43.066	ng		99
32) Benzoic acid	7.85	122	106399	21.424	ng		98
33) 4-Chloroaniline	8.12	127	266520	23.148	ng		98
34) Hexachlorobutadiene	8.19	225	207857	43.840	ng		98
35) Caprolactam	8.50	113	106373m	41.648	ng		
36) 4-Chloro-3-methylphenol	8.62	107	359316	43.490	ng		99
37) 2-Methylnaphthalene	8.76	142	737381	42.362	ng		98
38) 1-Methylnaphthalene	8.86	142	686825	42.397	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	345659	43.297	ng		100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	118636	26.021	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	226954	41.707	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	234412	40.748	ng		98
46) 1,1'-Biphenyl	9.23	154	871598	42.598	ng		99
47) 2-Chloronaphthalene	9.25	162	679674	42.154	ng		100
48) 2-Nitroaniline	9.35	65	237396	47.380	ng		98
49) Acenaphthylene	9.66	152	1049034	42.345	ng		99
50) Dimethylphthalate	9.53	163	1001527	54.066	ng		100
51) 2,6-Dinitrotoluene	9.60	165	181990	46.132	ng	#	84
52) Acenaphthene	9.84	154	631557	40.362	ng		99
53) 3-Nitroaniline	9.76	138	134108	29.345	ng		98
54) 2,4-Dinitrophenol	9.88	184	74083	37.924	ng		95
55) Dibenzofuran	10.01	168	907906	41.202	ng		100
56) 4-Nitrophenol	9.95	139	215043	59.003	ng		91
57) 2,4-Dinitrotoluene	10.00	165	217550	43.834	ng		96
58) Fluorene	10.35	166	718656	42.647	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	178053	38.072	ng		98
60) Diethylphthalate	10.23	149	785623	43.499	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	348090	43.122	ng		95
62) 4-Nitroaniline	10.38	138	174089	38.366	ng		99
63) Azobenzene	10.50	77	796644	41.421	ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	72557	30.436	ng		91
66) n-Nitrosodiphenylamine	10.46	169	672902	45.635	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	227160	46.421	ng		94
68) Hexachlorobenzene	10.90	284	243812	44.150	ng		99
69) Atrazine	10.99	200	157965	43.120	ng		98
70) Pentachlorophenol	11.10	266	159859	52.710	ng		100
71) Phenanthrene	11.32	178	1177222	50.272	ng		100
72) Anthracene	11.36	178	1049421	43.426	ng		100
73) Carbazole	11.52	167	878132	40.268	ng		100
74) Di-n-butylphthalate	11.85	149	1118320	44.433	ng		100
75) Fluoranthene	12.50	202	1163065	46.527	ng		100
77) Benzidine	12.62	184	194974	22.553	ng		100
78) Pyrene	12.73	202	1121715	58.875	ng		99
80) Butylbenzylphthalate	13.35	149	383061	49.713	ng		96
81) Benzo(a)anthracene	13.92	228	860345	52.150	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	220557	34.245	ng		99
83) Chrysene	13.96	228	825040	49.386	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	507898	49.340	ng		99
85) Di-n-octyl phthalate	14.51	149	833199	45.864	ng		100
87) Indeno(1,2,3-cd)pyrene	16.80	276	876118	49.639	ng		99
88) Benzo(b)fluoranthene	14.95	252	957997	52.875	ng		99
89) Benzo(k)fluoranthene	14.98	252	714188	43.045	ng		98
90) Benzo(a)pyrene	15.31	252	783312	50.861	ng		99
91) Dibenzo(a,h)anthracene	16.80	278	678879	46.206	ng		98
92) Benzo(g,h,i)perylene	17.22	276	722171	50.004	ng		99

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

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