Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118589.D
Acq On : 20 Jan 2020 14:05
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:58 PM

Quant Time: Jan 20 14:35:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:02:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	419442	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1585690	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	903500	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1672602	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1461017	20.00	ng		0.00
87) Perylene-d12	15.52	264	1422299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	480413	20.35	ng		-0.01
7) Phenol-d6	6.49	99	610945	19.89	ng		-0.02
23) Nitrobenzene-d5	7.43	82	569658	19.60	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	204478	19.00	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1243090	23.81	ng		0.00
79) Terphenyl-d14	12.99	244	1584395	22.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	109878	9.589	ng		97
3) Pyridine	3.43	79	304247	9.451	ng		98
4) n-Nitrosodimethylamine	3.33	42	125453	9.062	ng	#	98
6) Aniline	6.53	93	382097	9.454	ng		99
8) 2-Chlorophenol	6.66	128	255885	9.637	ng		98
9) Benzaldehyde	6.43	77	201849	11.372	ng		93
10) Phenol	6.50	94	348637m	9.986	ng		
11) bis(2-Chloroethyl)ether	6.60	93	257840	9.961	ng		97
12) 1,3-Dichlorobenzene	6.82	146	313860	10.153	ng		96
13) 1,4-Dichlorobenzene	6.90	146	311959	10.008	ng		99
14) 1,2-Dichlorobenzene	7.05	146	300353	10.270	ng		98
15) Benzyl Alcohol	7.01	79	232813	9.592	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	361529	10.010	ng		97
17) 2-Methylphenol	7.12	107	207009	9.391	ng		99
18) Hexachloroethane	7.40	117	109158	9.717	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	200092	9.689	ng		95
20) 3+4-Methylphenols	7.27	107	274493	10.165	ng		97
22) Acetophenone	7.28	105	395623	10.115	ng	#	96
24) Nitrobenzene	7.45	77	286549	9.572	ng		97
25) Isophorone	7.69	82	508230	9.506	ng		97
26) 2-Nitrophenol	7.77	139	104487	8.314	ng		98
27) 2,4-Dimethylphenol	7.80	122	203673	9.227	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	338244	9.792	ng	#	96
29) 2,4-Dichlorophenol	8.01	162	222236	9.067	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	273787	9.623	ng		99
31) Naphthalene	8.19	128	795441	10.657	ng		96
32) Benzoic acid	7.87	122	114448	7.028	ng		99
33) 4-Chloroaniline	8.23	127	326950	9.465	ng		99
34) Hexachlorobutadiene	8.31	225	166559	9.633	ng		98
35) Caprolactam	8.56	113	69107	8.681	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	221550	9.146	ng		99
37) 2-Methylnaphthalene	8.87	142	539732	10.267	ng		99
38) 1-Methylnaphthalene	8.97	142	507292	10.155	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	287500	9.752	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	126275	8.530	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	171210	8.808	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	181865	9.168	ng		98
46) 1,1'-Biphenyl	9.34	154	688678	10.576	ng		96
47) 2-Chloronaphthalene	9.36	162	552414	10.092	ng		95
48) 2-Nitroaniline	9.45	65	149004	9.075	ng		97
49) Acenaphthylene	9.78	152	797613	10.351	ng		95
50) Dimethylphthalate	9.63	163	627028	10.266	ng		97
51) 2,6-Dinitrotoluene	9.69	165	122083	9.115	ng		93
52) Acenaphthene	9.95	154	514350	9.988	ng		99
53) 3-Nitroaniline	9.86	138	139231	9.025	ng		99
54) 2,4-Dinitrophenol	9.96	184	33554	6.288	ng	#	1
55) Dibenzofuran	10.12	168	753177	10.546	ng		96
56) 4-Nitrophenol	10.00	139	100290	8.618	ng		94
57) 2,4-Dinitrotoluene	10.09	165	150032	8.946	ng		96
58) Fluorene	10.47	166	608672	10.865	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	157151	9.033	ng		99
60) Diethylphthalate	10.34	149	612104	10.370	ng		97
61) 4-Chlorophenyl-phenylether	10.46	204	317915	10.466	ng		97
62) 4-Nitroaniline	10.46	138	141351	8.904	ng		98
63) Azobenzene	10.62	77	597858	10.384	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	50285	6.749	ng		97
66) n-Nitrosodiphenylamine	10.57	169	514994	9.783	ng		97
67) 4-Bromophenyl-phenylether	10.95	248	198396	9.260	ng		97
68) Hexachlorobenzene	11.02	284	230094	9.453	ng	#	89
69) Atrazine	11.10	200	166167	9.163	ng		97
70) Pentachlorophenol	11.20	266	105187	7.818	ng		98
71) Phenanthrene	11.43	178	910740	10.807	ng		93
72) Anthracene	11.48	178	894173	10.712	ng		93
73) Carbazole	11.63	167	791948	10.350	ng		95
74) Di-n-butylphthalate	11.97	149	940858	11.168	ng		96
75) Fluoranthene	12.62	202	960715	10.850	ng		94
77) Benzidine	12.73	184	326076	8.095	ng		95
78) Pyrene	12.84	202	995249	9.593	ng		93
80) Butylbenzylphthalate	13.46	149	354630	8.497	ng		94
81) Benzo(a)anthracene	14.03	228	942717	10.310	ng		95
82) 3,3'-Dichlorobenzidine	13.99	252	285768	8.694	ng		99
83) Chrysene	14.07	228	897355	10.247	ng		94
84) Bis(2-ethylhexyl)phthalate	14.03	149	523324	10.365	ng	#	96
85) Di-n-octyl phthalate	14.64	149	760703	10.294	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	715370	9.652	ng		99
88) Benzo(b)fluoranthene	15.08	252	824719	8.789	ng		97
89) Benzo(k)fluoranthene	15.11	252	840622	9.781	ng		96
90) Benzo(a)pyrene	15.44	252	727150	9.062	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	598862	8.592	ng		100
92) Benzo(g,h,i)perylene	17.42	276	552163	8.158	ng		99

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

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