Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117440.D
Acq On : 18 Oct 2019 15:13
Operator : JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
10/20/2019 8:04:26 PM

Quant Time: Oct 18 18:28:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 17:56:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	47679	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	200921	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	107483	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	173534	20.00	ng		0.00
76) Chrysene-d12	13.89	240	132059	20.00	ng		0.00
87) Perylene-d12	15.32	264	129802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	62262	20.09	ng		0.00
7) Phenol-d6	6.37	99	87964	21.39	ng		0.00
23) Nitrobenzene-d5	7.30	82	83001	20.94	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	18764	21.45	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	160032	21.71	ng		0.00
79) Terphenyl-d14	12.83	244	163286	20.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	13399	10.503	ng		98
3) Pyridine	3.16	79	26569m	8.184	ng		
4) n-Nitrosodimethylamine	3.08	42	9558	8.355	ng	#	93
6) Aniline	6.40	93	50056	9.746	ng	#	88
8) 2-Chlorophenol	6.52	128	34351	9.971	ng		97
9) Benzaldehyde	6.29	77	25782	12.861	ng		93
10) Phenol	6.39	94	42991	9.685	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	30682	9.092	ng		97
12) 1,3-Dichlorobenzene	6.67	146	38309	9.943	ng		96
13) 1,4-Dichlorobenzene	6.75	146	37253	9.485	ng		93
14) 1,2-Dichlorobenzene	6.90	146	37125	10.008	ng		95
15) Benzyl Alcohol	6.89	79	29314	9.319	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	36222	10.222	ng		82
17) 2-Methylphenol	7.00	107	28760	10.000	ng		98
18) Hexachloroethane	7.24	117	15068	9.868	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	26686	10.180	ng		98
20) 3+4-Methylphenols	7.16	107	37077	10.012	ng	#	79
22) Acetophenone	7.15	105	53561	10.159	ng	#	92
24) Nitrobenzene	7.32	77	39002	9.823	ng		96
25) Isophorone	7.56	82	73806	10.453	ng		98
26) 2-Nitrophenol	7.65	139	16545	9.392	ng		96
27) 2,4-Dimethylphenol	7.68	122	26619	9.942	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	44517	10.170	ng		99
29) 2,4-Dichlorophenol	7.89	162	27096	9.808	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	30151	10.124	ng		97
31) Naphthalene	8.03	128	104406	10.405	ng		99
32) Benzoic acid	7.79	122	13795	8.275	ng		96
33) 4-Chloroaniline	8.10	127	44685	10.486	ng		97
34) Hexachlorobutadiene	8.16	225	17303	10.145	ng		98
35) Caprolactam	8.44	113	8899	10.286	ng		96
36) 4-Chloro-3-methylphenol	8.58	107	32892	10.464	ng		94
37) 2-Methylnaphthalene	8.73	142	70589	10.418	ng		98
38) 1-Methylnaphthalene	8.83	142	66674	10.444	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	28581	9.880	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	906	1.677	ng		89
43) 2,4,6-Trichlorophenol	9.02	196	18132	9.905	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	18245	9.771	ng		95
46) 1,1'-Biphenyl	9.19	154	92026	10.480	ng		98
47) 2-Chloronaphthalene	9.22	162	69709	10.184	ng		97
48) 2-Nitroaniline	9.32	65	22091	10.115	ng		93
49) Acenaphthylene	9.63	152	103444	10.309	ng		98
50) Dimethylphthalate	9.49	163	79885	10.349	ng		98
51) 2,6-Dinitrotoluene	9.56	165	15854	9.771	ng		97
52) Acenaphthene	9.80	154	64234	10.535	ng		96
53) 3-Nitroaniline	9.73	138	19653	9.919	ng		90
54) 2,4-Dinitrophenol	9.87	184	3432	5.521	ng	#	89
55) Dibenzofuran	9.97	168	92138	10.359	ng		99
56) 4-Nitrophenol	9.93	139	5562	7.054	ng		94
57) 2,4-Dinitrotoluene	9.97	165	21546	10.064	ng	#	89
58) Fluorene	10.32	166	75996	10.262	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	15529	10.757	ng	#	98
60) Diethylphthalate	10.19	149	82348	10.583	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	34456	10.508	ng		92
62) 4-Nitroaniline	10.34	138	18995	10.086	ng		93
63) Azobenzene	10.46	77	81879	10.256	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	6475	7.428	ng		98
66) n-Nitrosodiphenylamine	10.42	169	65273	10.069	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	18980	9.972	ng		96
68) Hexachlorobenzene	10.87	284	20642	10.098	ng		90
69) Atrazine	10.95	200	19669	18.711	ng		97
70) Pentachlorophenol	11.07	266	4855	7.939	ng		95
71) Phenanthrene	11.27	178	105449	10.279	ng		100
72) Anthracene	11.33	178	108573	10.253	ng		99
73) Carbazole	11.49	167	99782	10.373	ng		99
74) Di-n-butylphthalate	11.81	149	132940	10.206	ng		99
75) Fluoranthene	12.46	202	107728	10.561	ng		99
77) Benzidine	12.59	184	52353	16.029	ng		99
78) Pyrene	12.69	202	110392	9.457	ng		99
80) Butylbenzylphthalate	13.30	149	54520	9.288	ng		94
81) Benzo(a)anthracene	13.88	228	91614	10.111	ng		97
82) 3,3'-Dichlorobenzidine	13.84	252	32682	11.408	ng	#	96
83) Chrysene	13.92	228	93107	10.420	ng		97
84) Bis(2-ethylhexyl)phthalate	13.86	149	79288	9.580	ng		93
85) Di-n-octyl phthalate	14.47	149	126223	10.018	ng		98
86) Indeno(1,2,3-cd)pyrene	16.72	276	67908	10.869	ng		100
88) Benzo(b)fluoranthene	14.91	252	76984	9.527	ng		97
89) Benzo(k)fluoranthene	14.94	252	79915	9.951	ng		97
90) Benzo(a)pyrene	15.26	252	71172	9.946	ng		97
91) Dibenzo(a,h)anthracene	16.73	278	56636	9.237	ng		95
92) Benzo(g,h,i)perylene	17.14	276	51976	8.905	ng		97

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

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