Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110582.D
Acq On : 8 Nov 2018 14:05
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF110818

Manual Integrations APPROVED
Sohil
11/9/2018 4:26:07 PM

Quant Time: Nov 09 11:44:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80494	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	341042	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	162500	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	302139	20.00	ng		0.00
76) Chrysene-d12	14.14	240	228125	20.00	ng		0.00
87) Perylene-d12	15.66	264	164189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	406669	82.06	ng		0.00
7) Phenol-d6	6.57	99	509359	80.38	ng		0.00
23) Nitrobenzene-d5	7.52	82	480479	81.14	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	130916	79.95	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	890365	78.25	ng		0.00
79) Terphenyl-d14	13.07	244	906415	74.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	100661	40.768	ng		91
3) Pyridine	3.57	79	223211	41.881	ng	#	86
4) n-Nitrosodimethylamine	3.53	42	97348	42.569	ng		94
6) Aniline	6.62	93	324455	39.261	ng	#	54
8) 2-Chlorophenol	6.73	128	234638	40.390	ng		99
9) Benzaldehyde	6.50	77	138818	41.069	ng		94
10) Phenol	6.59	94	296521	40.354	ng	#	66
11) bis(2-Chloroethyl)ether	6.68	93	219373	39.837	ng		93
12) 1,3-Dichlorobenzene	6.89	146	255359	40.174	ng		98
13) 1,4-Dichlorobenzene	6.96	146	257500	39.894	ng		98
14) 1,2-Dichlorobenzene	7.12	146	243842	40.610	ng		98
15) Benzyl Alcohol	7.09	79	201701	40.673	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	346832	40.106	ng		69
17) 2-Methylphenol	7.19	107	187020	40.451	ng	#	82
18) Hexachloroethane	7.46	117	95603	40.120	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	162044	40.060	ng		95
20) 3+4-Methylphenols	7.35	107	239509	40.355	ng		92
22) Acetophenone	7.36	105	317822	39.987	ng	#	95
24) Nitrobenzene	7.53	77	243805	40.183	ng		95
25) Isophorone	7.77	82	390242	40.206	ng		97
26) 2-Nitrophenol	7.85	139	128103	42.322	ng		98
27) 2,4-Dimethylphenol	7.87	122	187132	40.594	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	262209	39.899	ng		99
29) 2,4-Dichlorophenol	8.09	162	193291	40.750	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	215109	40.222	ng		95
31) Naphthalene	8.25	128	635674	39.705	ng		99
32) Benzoic acid	8.01	122	143711	44.061	ng		91
33) 4-Chloroaniline	8.30	127	280437	38.671	ng		99
34) Hexachlorobutadiene	8.36	225	123391	40.394	ng		99
35) Caprolactam	8.69	113	65403	41.271	ng		95
36) 4-Chloro-3-methylphenol	8.78	107	208931	40.842	ng		96
37) 2-Methylnaphthalene	8.95	142	417820	39.810	ng		98
38) 1-Methylnaphthalene	9.05	142	403725	39.998	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	206546	40.155	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	68995	38.753	ng		100
43) 2,4,6-Trichlorophenol	9.22	196	132476	40.985	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	137594	39.906	ng		95
46) 1,1'-Biphenyl	9.41	154	594294	39.204	ng		98
47) 2-Chloronaphthalene	9.44	162	435916	39.915	ng		98
48) 2-Nitroaniline	9.53	65	136767	40.639	ng		98
49) Acenaphthylene	9.86	152	625598	39.777	ng		99
50) Dimethylphthalate	9.70	163	478548	39.467	ng		99
51) 2,6-Dinitrotoluene	9.77	165	108549	40.696	ng		99
52) Acenaphthene	10.03	154	393319	39.572	ng		98
53) 3-Nitroaniline	9.95	138	124683	40.348	ng		89
54) 2,4-Dinitrophenol	10.06	184	37384	37.817	ng		90
55) Dibenzofuran	10.20	168	575326	39.563	ng		98
56) 4-Nitrophenol	10.10	139	85707	41.805	ng		94
57) 2,4-Dinitrotoluene	10.19	165	142131	40.982	ng		88
58) Fluorene	10.54	166	440162	39.407	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	108125m	39.863	ng		
60) Diethylphthalate	10.40	149	471409	39.298	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	227412	39.322	ng		99
62) 4-Nitroaniline	10.57	138	123865	39.805	ng		94
63) Azobenzene	10.69	77	467232	39.922	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	64232	42.182	ng		92
66) n-Nitrosodiphenylamine	10.65	169	407276	39.991	ng		95
67) 4-Bromophenyl-phenylether	11.02	248	134989	40.425	ng		97
68) Hexachlorobenzene	11.09	284	141980	40.328	ng	#	92
69) Atrazine	11.17	200	121565	39.039	ng		97
70) Pentachlorophenol	11.29	266	77660	41.340	ng		97
71) Phenanthrene	11.51	178	637578	39.388	ng		99
72) Anthracene	11.56	178	649423	39.772	ng		98
73) Carbazole	11.72	167	628777	40.096	ng		100
74) Di-n-butylphthalate	12.03	149	744566	40.489	ng		99
75) Fluoranthene	12.70	202	659637	40.647	ng		99
77) Benzidine	12.82	184	211066	33.644	ng		99
78) Pyrene	12.93	202	666306	37.934	ng		99
80) Butylbenzylphthalate	13.53	149	305875	40.459	ng		96
81) Benzo(a)anthracene	14.13	228	543415	39.854	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	176577	38.658	ng		98
83) Chrysene	14.16	228	507254	39.049	ng		99
84) Bis(2-ethylhexyl)phthalate	14.08	149	386950	41.259	ng		97
85) Di-n-octyl phthalate	14.70	149	598636	43.406	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	355416	38.127	ng		98
88) Benzo(b)fluoranthene	15.20	252	410723	41.815	ng		100
89) Benzo(k)fluoranthene	15.23	252	381412m	39.298	ng		
90) Benzo(a)pyrene	15.60	252	359382	40.270	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	297701	39.419	ng		99
92) Benzo(g,h,i)perylene	17.71	276	293166	39.125	ng		99

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

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