Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
Data File : BF120759.D
Acq On : 2 Jul 2020 15:36
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
7/7/2020 8:25:16 AM

Quant Time: Jul 02 17:53:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 17:30:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143366	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	565932	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	292304	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	543881	20.00	ng		0.00
76) Chrysene-d12	14.01	240	439107	20.00	ng		0.00
86) Perylene-d12	15.47	264	411051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	195818	22.86	ng		0.00
7) Phenol-d6	6.46	99	252216	22.39	ng		-0.01
23) Nitrobenzene-d5	7.40	82	179272	18.18	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	54210	14.94	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	422372	20.37	ng		0.00
79) Terphenyl-d14	12.96	244	465593	19.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	43130	11.772	ng		97
3) Pyridine	3.35	79	119651	11.515	ng		98
4) n-Nitrosodimethylamine	3.28	42	58875	14.107	ng	#	98
6) Aniline	6.50	93	158793	11.634	ng		99
8) 2-Chlorophenol	6.63	128	101137	10.859	ng		97
9) Benzaldehyde	6.39	77	82700	14.534	ng		97
10) Phenol	6.47	94	127281	11.717	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	103329	11.171	ng		96
12) 1,3-Dichlorobenzene	6.79	146	114518	11.135	ng		97
13) 1,4-Dichlorobenzene	6.86	146	114458	11.089	ng		98
14) 1,2-Dichlorobenzene	7.02	146	110861	10.891	ng		99
15) Benzyl Alcohol	6.98	79	96062	13.558	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	164678	13.216	ng		99
17) 2-Methylphenol	7.09	107	92258	11.488	ng		97
18) Hexachloroethane	7.36	117	42027	11.301	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	77357	11.974	ng		96
20) 3+4-Methylphenols	7.24	107	120389	11.086	ng	#	89
22) Acetophenone	7.25	105	148284	10.325	ng		94
24) Nitrobenzene	7.42	77	105312	10.231	ng		96
25) Isophorone	7.66	82	211387	11.064	ng		96
26) 2-Nitrophenol	7.75	139	30225	5.489	ng		93
27) 2,4-Dimethylphenol	7.77	122	82589	10.005	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	125720	10.683	ng		98
29) 2,4-Dichlorophenol	7.98	162	81443	9.815	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	91897	9.456	ng		99
31) Naphthalene	8.15	128	308827	10.937	ng		99
32) Benzoic acid	7.84	122	33392	5.757	ng		94
33) 4-Chloroaniline	8.20	127	128475	10.420	ng		97
34) Hexachlorobutadiene	8.27	225	55243	9.415	ng		98
35) Caprolactam	8.53	113	24365	9.047	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	85885	10.330	ng		97
37) 2-Methylnaphthalene	8.85	142	199827	10.473	ng		100
38) 1-Methylnaphthalene	8.94	142	184874	10.330	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	85091	9.119	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	46485	10.901	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	55535	8.823	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	62148	8.787	ng		97
46) 1,1'-Biphenyl	9.30	154	237138	10.011	ng		99
47) 2-Chloronaphthalene	9.33	162	185216	9.716	ng		99
48) 2-Nitroaniline	9.42	65	40262	7.242	ng		98
49) Acenaphthylene	9.75	152	298718	10.091	ng		98
50) Dimethylphthalate	9.60	163	211154	9.425	ng		99
51) 2,6-Dinitrotoluene	9.66	165	32137	6.488	ng		97
52) Acenaphthene	9.92	154	179834	10.614	ng		98
53) 3-Nitroaniline	9.83	138	40286	6.929	ng	#	88
54) 2,4-Dinitrophenol	9.93	184	5879	2.997	ng	#	1
55) Dibenzofuran	10.09	168	266155	10.306	ng		97
56) 4-Nitrophenol	9.97	139	29298	8.156	ng		99
57) 2,4-Dinitrotoluene	10.06	165	35558	5.871	ng		97
58) Fluorene	10.43	166	209076	10.400	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	46639m	8.730	ng		
60) Diethylphthalate	10.30	149	220690	10.022	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	105930	10.381	ng		99
62) 4-Nitroaniline	10.43	138	39109	6.726	ng		98
63) Azobenzene	10.59	77	234352	11.659	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	9589	3.194	ng		89
66) n-Nitrosodiphenylamine	10.54	169	175755	9.826	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	58824	8.886	ng	#	88
68) Hexachlorobenzene	10.98	284	62435	8.888	ng		93
69) Atrazine	11.06	200	50264	10.439	ng		97
70) Pentachlorophenol	11.17	266	31789	13.519	ng		95
71) Phenanthrene	11.39	178	294466	10.410	ng		99
72) Anthracene	11.45	178	297234	10.478	ng		99
73) Carbazole	11.60	167	286701	10.630	ng		99
74) Di-n-butylphthalate	11.93	149	359140	11.007	ng		99
75) Fluoranthene	12.58	202	313784	9.874	ng		99
77) Benzidine	12.70	184	116866	8.966	ng		99
78) Pyrene	12.81	202	325217	9.109	ng		98
80) Butylbenzylphthalate	13.43	149	135736	9.016	ng		90
81) Benzo(a)anthracene	14.00	228	286836	10.152	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	86309	8.184	ng		98
83) Chrysene	14.03	228	269885	9.105	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	204987	10.920	ng		99
85) Di-n-octyl phthalate	14.61	149	323373	9.092	ng		98
87) Indeno(1,2,3-cd)pyrene	16.91	276	225433	8.681	ng		98
88) Benzo(b)fluoranthene	15.04	252	251834	9.570	ng		98
89) Benzo(k)fluoranthene	15.07	252	227064	9.849	ng		99
90) Benzo(a)pyrene	15.40	252	215181	9.516	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	186411	8.772	ng		99
92) Benzo(g,h,i)perylene	17.34	276	174296	8.197	ng		98

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

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