Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119280.D
Acq On : 9 Mar 2020 11:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:02 PM

Quant Time: Mar 09 15:36:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114394	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	429074	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	240219	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	442504	20.00	ng		0.00
76) Chrysene-d12	13.89	240	329177	20.00	ng		0.00
87) Perylene-d12	15.31	264	310502	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	568911	83.11	ng		0.00
7) Phenol-d6	6.39	99	684117	82.18	ng		0.00
23) Nitrobenzene-d5	7.30	82	666321	81.99	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	246744	78.52	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1294547	79.39	ng		0.00
79) Terphenyl-d14	12.83	244	1596596	83.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	117004	38.391	ng		99
3) Pyridine	3.11	79	321268	38.599	ng		100
4) n-Nitrosodimethylamine	3.06	42	102781	40.764	ng		96
6) Aniline	6.39	93	409717	39.886	ng	#	76
8) 2-Chlorophenol	6.52	128	309226	41.860	ng		99
9) Benzaldehyde	6.28	77	188576	33.904	ng		98
10) Phenol	6.40	94	374767	41.637	ng		99
11) bis(2-Chloroethyl)ether	6.46	93	279779	40.625	ng		97
12) 1,3-Dichlorobenzene	6.67	146	362682	40.963	ng		99
13) 1,4-Dichlorobenzene	6.75	146	369830	41.741	ng		98
14) 1,2-Dichlorobenzene	6.90	146	338243	41.860	ng		99
15) Benzyl Alcohol	6.88	79	257578	42.810	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	244547	40.992	ng	#	44
17) 2-Methylphenol	7.00	107	243001	40.573	ng		94
18) Hexachloroethane	7.23	117	131974	41.634	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	214085	44.133	ng		98
20) 3+4-Methylphenols	7.16	107	320068	43.620	ng	#	89
22) Acetophenone	7.14	105	420649	42.371	ng	#	95
24) Nitrobenzene	7.32	77	332716	41.402	ng		98
25) Isophorone	7.55	82	570958	40.456	ng		97
26) 2-Nitrophenol	7.63	139	171267	40.223	ng		96
27) 2,4-Dimethylphenol	7.67	122	225997	39.108	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	365722	39.812	ng		99
29) 2,4-Dichlorophenol	7.88	162	273941	40.267	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	316646	39.257	ng		98
31) Naphthalene	8.03	128	900495	40.467	ng		99
32) Benzoic acid	7.84	122	135206	34.283	ng		96
33) 4-Chloroaniline	8.09	127	383719	40.092	ng		99
34) Hexachlorobutadiene	8.15	225	200718	39.950	ng		99
35) Caprolactam	8.47	113	84640m	40.406	ng		
36) 4-Chloro-3-methylphenol	8.59	107	284567	41.331	ng		96
37) 2-Methylnaphthalene	8.72	142	606689	40.513	ng		98
38) 1-Methylnaphthalene	8.82	142	572546	40.654	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	319563	39.456	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	80594	33.522	ng		100
43) 2,4,6-Trichlorophenol	9.01	196	192181	37.575	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	191236	35.632	ng		98
46) 1,1'-Biphenyl	9.19	154	783974	40.381	ng		98
47) 2-Chloronaphthalene	9.21	162	619211	39.578	ng		99
48) 2-Nitroaniline	9.32	65	182112	41.733	ng		97
49) Acenaphthylene	9.62	152	899852	39.823	ng		99
50) Dimethylphthalate	9.49	163	738372	40.197	ng		99
51) 2,6-Dinitrotoluene	9.56	165	159421	39.063	ng	#	88
52) Acenaphthene	9.79	154	552853	40.576	ng		99
53) 3-Nitroaniline	9.73	138	180080	39.802	ng		91
54) 2,4-Dinitrophenol	9.86	184	74332	41.449	ng		93
55) Dibenzofuran	9.97	168	810689	39.863	ng		97
56) 4-Nitrophenol	9.92	139	121844	44.823	ng		98
57) 2,4-Dinitrotoluene	9.97	165	204408	38.642	ng		96
58) Fluorene	10.31	166	661635	41.868	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	170625	37.677	ng		99
60) Diethylphthalate	10.19	149	716897	41.414	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	349411	41.772	ng		97
62) 4-Nitroaniline	10.35	138	174499	37.698	ng		98
63) Azobenzene	10.46	77	632130	42.011	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	103566	38.678	ng		95
66) n-Nitrosodiphenylamine	10.42	169	584096	40.312	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	226792	39.210	ng		98
68) Hexachlorobenzene	10.86	284	264496	39.662	ng		95
69) Atrazine	10.95	200	177040	34.972	ng		98
70) Pentachlorophenol	11.07	266	107683	40.085	ng		100
71) Phenanthrene	11.27	178	984004	40.776	ng		98
72) Anthracene	11.32	178	986717	40.922	ng		98
73) Carbazole	11.48	167	884649	41.183	ng		99
74) Di-n-butylphthalate	11.80	149	1114673	42.850	ng		98
75) Fluoranthene	12.46	202	1051578	41.053	ng		98
77) Benzidine	12.58	184	525624	39.263	ng		99
78) Pyrene	12.69	202	1042851	39.453	ng		99
80) Butylbenzylphthalate	13.30	149	465090	41.807	ng		98
81) Benzo(a)anthracene	13.87	228	929957	41.462	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	355295	40.795	ng		99
83) Chrysene	13.92	228	914504	40.920	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	630583	44.867	ng		99
85) Di-n-octyl phthalate	14.46	149	981374	43.825	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	734963	33.964	ng		99
88) Benzo(b)fluoranthene	14.91	252	887284	43.353	ng		98
89) Benzo(k)fluoranthene	14.93	252	776486	40.939	ng		99
90) Benzo(a)pyrene	15.26	252	743447	40.248	ng		97
91) Dibenzo(a,h)anthracene	16.72	278	613103	37.723	ng		99
92) Benzo(g,h,i)perylene	17.14	276	568410	35.396	ng		100

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

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