Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119251.D
Acq On : 6 Mar 2020 15:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/9/2020 3:09:11 PM

Quant Time: Mar 07 05:50:18 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	6.72	152	119922	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	447860	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	255251	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	493455	20.00	ng		0.00
76) Chrysene-d12	13.89	240	372160	20.00	ng		0.00
87) Perylene-d12	15.31	264	329663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	599597	83.56	ng		0.00
7) Phenol-d6	6.38	99	713927	81.80	ng		0.00
23) Nitrobenzene-d5	7.29	82	686418	80.92	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	269005	80.56	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1360365	78.51	ng		0.00
79) Terphenyl-d14	12.83	244	1746721	80.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	121717	38.097	ng		100
3) Pyridine	3.10	79	333966	38.275	ng		99
4) n-Nitrosodimethylamine	3.06	42	108533	41.061	ng		95
6) Aniline	6.39	93	430853	40.010	ng	#	81
8) 2-Chlorophenol	6.52	128	318535	41.132	ng		97
9) Benzaldehyde	6.28	77	198510	34.045	ng		95
10) Phenol	6.39	94	384662	40.767	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	293469	40.649	ng		98
12) 1,3-Dichlorobenzene	6.67	146	381413	41.092	ng		98
13) 1,4-Dichlorobenzene	6.74	146	381520	41.076	ng		99
14) 1,2-Dichlorobenzene	6.90	146	351837	41.535	ng		98
15) Benzyl Alcohol	6.88	79	267004	42.331	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	250533	40.060	ng	#	56
17) 2-Methylphenol	7.00	107	253956	40.448	ng		95
18) Hexachloroethane	7.23	117	137755	41.455	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	220355	43.331	ng		99
20) 3+4-Methylphenols	7.15	107	335689	43.640	ng		95
22) Acetophenone	7.14	105	436860	42.159	ng	#	95
24) Nitrobenzene	7.31	77	342055	40.779	ng		96
25) Isophorone	7.55	82	591028	40.121	ng		99
26) 2-Nitrophenol	7.63	139	177237	39.879	ng		96
27) 2,4-Dimethylphenol	7.67	122	235646	39.067	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	380903	39.725	ng		98
29) 2,4-Dichlorophenol	7.88	162	282495	39.783	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	327977	38.956	ng		99
31) Naphthalene	8.03	128	934461	40.232	ng		98
32) Benzoic acid	7.84	122	154703	36.938	ng		96
33) 4-Chloroaniline	8.09	127	401251	40.165	ng		98
34) Hexachlorobutadiene	8.15	225	208995	39.852	ng		98
35) Caprolactam	8.46	113	89840m	41.089	ng		
36) 4-Chloro-3-methylphenol	8.59	107	299035	41.611	ng		97
37) 2-Methylnaphthalene	8.72	142	634792	40.611	ng		98
38) 1-Methylnaphthalene	8.82	142	598869	40.739	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	335107	38.939	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	89806	34.696	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	204346	37.601	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	205882	36.101	ng	98
46) 1,1'-Biphenyl	9.19	154	825320	40.007	ng	98
47) 2-Chloronaphthalene	9.21	162	655203	39.412	ng	97
48) 2-Nitroaniline	9.32	65	194099	41.860	ng	98
49) Acenaphthylene	9.62	152	944123	39.321	ng	99
50) Dimethylphthalate	9.49	163	790455	40.498	ng	100
51) 2,6-Dinitrotoluene	9.56	165	172663	39.817	ng	95
52) Acenaphthene	9.79	154	576335	39.808	ng	100
53) 3-Nitroaniline	9.73	138	193916	40.336	ng	94
54) 2,4-Dinitrophenol	9.85	184	73743	39.195	ng	93
55) Dibenzofuran	9.97	168	849874	39.329	ng	99
56) 4-Nitrophenol	9.92	139	94469	32.706	ng	93
57) 2,4-Dinitrotoluene	9.97	165	223406	39.746	ng	99
58) Fluorene	10.31	166	709464	42.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	172569	35.862	ng	97
60) Diethylphthalate	10.19	149	778209	42.308	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	371720	41.822	ng	98
62) 4-Nitroaniline	10.35	138	197078	40.068	ng	94
63) Azobenzene	10.46	77	669983	41.905	ng	95
65) 4,6-Dinitro-2-methylphenol	10.38	198	117546	39.366	ng	99
66) n-Nitrosodiphenylamine	10.42	169	632552	39.149	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	249122	38.623	ng	97
68) Hexachlorobenzene	10.86	284	287420	38.649	ng	96
69) Atrazine	10.95	200	198692	35.196	ng	99
70) Pentachlorophenol	11.07	266	165453	55.231	ng	98
71) Phenanthrene	11.27	178	1058482	39.333	ng	99
72) Anthracene	11.32	178	1068319	39.732	ng	99
73) Carbazole	11.48	167	959245	40.045	ng	98
74) Di-n-butylphthalate	11.80	149	1230528	42.419	ng	99
75) Fluoranthene	12.46	202	1156770	40.496	ng	98
77) Benzidine	12.58	184	664822	43.925	ng	99
78) Pyrene	12.69	202	1153977	38.615	ng	99
80) Butylbenzylphthalate	13.30	149	522533	41.546	ng	98
81) Benzo(a)anthracene	13.87	228	1021542	40.285	ng	98
82) 3,3'-Dichlorobenzidine	13.83	252	393977	40.012	ng	99
83) Chrysene	13.92	228	998531	39.519	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	703909	44.300	ng	100
85) Di-n-octyl phthalate	14.46	149	1075507	42.482	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	808758	33.057	ng	100
88) Benzo(b)fluoranthene	14.90	252	861384	39.641	ng	99
89) Benzo(k)fluoranthene	14.93	252	891866	44.289	ng	99
90) Benzo(a)pyrene	15.25	252	781734	39.861	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	670224	38.840	ng	99
92) Benzo(g,h,i)perylene	17.14	276	631018	37.011	ng	99

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

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