Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118497.D
Acq On : 8 Jan 2020 12:45
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:32 PM

Quant Time: Jan 08 15:21:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 14:21:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	92261	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	376451	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	205461	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	398428	20.00	ng	0.00
76) Chrysene-d12	14.04	240	272412	20.00	ng	0.00
87) Perylene-d12	15.52	264	227482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	405333	78.86	ng	0.00
7) Phenol-d6	6.47	99	511558	77.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	510256	73.42	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	176827	70.67	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1071400	76.98	ng	0.00
79) Terphenyl-d14	12.97	244	1307286	73.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	67768	38.992	ng	100
3) Pyridine	3.30	79	184309	38.575	ng	100
4) n-Nitrosodimethylamine	3.26	42	92544	40.077	ng	100
6) Aniline	6.50	93	323432	39.904	ng	100
8) 2-Chlorophenol	6.62	128	231598	38.658	ng	100
9) Benzaldehyde	6.39	77	128591	35.583	ng	100
10) Phenol	6.49	94	285146	38.997	ng	100
11) bis(2-Chloroethyl)ether	6.57	93	205263	40.543	ng	100
12) 1,3-Dichlorobenzene	6.77	146	271008	38.287	ng	100
13) 1,4-Dichlorobenzene	6.85	146	279209	38.896	ng	100
14) 1,2-Dichlorobenzene	7.00	146	269152	39.952	ng	100
15) Benzyl Alcohol	6.98	79	211621	40.247	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	223953	39.609	ng	100
17) 2-Methylphenol	7.09	107	188577	38.820	ng	100
18) Hexachloroethane	7.34	117	103782	39.325	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	166270	40.733	ng	100
20) 3+4-Methylphenols	7.25	107	248965	39.106	ng	100
22) Acetophenone	7.25	105	351345	36.394	ng	100
24) Nitrobenzene	7.42	77	254579	37.042	ng	100
25) Isophorone	7.66	82	435507	36.757	ng	100
26) 2-Nitrophenol	7.74	139	128147	34.887	ng	100
27) 2,4-Dimethylphenol	7.77	122	170630	35.480	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	290981	38.818	ng	100
29) 2,4-Dichlorophenol	7.99	162	205936	36.314	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	240526	35.842	ng	100
31) Naphthalene	8.15	128	743406	37.551	ng	100
32) Benzoic acid	7.93	122	117987m	35.206	ng	
33) 4-Chloroaniline	8.20	127	287775	34.664	ng	100
34) Hexachlorobutadiene	8.26	225	140480	35.090	ng	100
35) Caprolactam	8.58	113	66243	37.002	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	231593	38.808	ng	100
37) 2-Methylnaphthalene	8.84	142	523960	38.715	ng	100
38) 1-Methylnaphthalene	8.94	142	474378	36.623	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	237383	38.191	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	44518	39.568	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	143057	36.037	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	151519	37.495	ng	100
46) 1,1'-Biphenyl	9.30	154	622986	37.879	ng	100
47) 2-Chloronaphthalene	9.33	162	492712	37.379	ng	100
48) 2-Nitroaniline	9.43	65	143083	37.569	ng	100
49) Acenaphthylene	9.75	152	760086	38.784	ng	100
50) Dimethylphthalate	9.60	163	599148	37.880	ng	100
51) 2,6-Dinitrotoluene	9.67	165	127251	39.257	ng	100
52) Acenaphthene	9.92	154	453072	36.715	ng	100
53) 3-Nitroaniline	9.85	138	144401	36.397	ng	100
54) 2,4-Dinitrophenol	9.96	184	50382	36.750	ng	100
55) Dibenzofuran	10.09	168	705884	40.403	ng	100
56) 4-Nitrophenol	10.02	139	75595	39.620	ng	100
57) 2,4-Dinitrotoluene	10.09	165	175705	39.398	ng	100
58) Fluorene	10.44	166	593655	41.439	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	132685	39.577	ng	100
60) Diethylphthalate	10.30	149	645922	41.529	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	302595	42.261	ng	100
62) 4-Nitroaniline	10.47	138	155432	38.278	ng	100
63) Azobenzene	10.59	77	542689	40.572	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	84479	37.049	ng	100
66) n-Nitrosodiphenylamine	10.55	169	498729	36.556	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	173786	34.403	ng	100
68) Hexachlorobenzene	10.99	284	202537	33.699	ng	100
69) Atrazine	11.07	200	143057	34.099	ng	100
70) Pentachlorophenol	11.19	266	63810	34.166	ng	100
71) Phenanthrene	11.40	178	824930	37.519	ng	100
72) Anthracene	11.46	178	818534	36.778	ng	100
73) Carbazole	11.62	167	713832	34.980	ng	100
74) Di-n-butylphthalate	11.93	149	1051286	39.280	ng	100
75) Fluoranthene	12.60	202	880521	38.009	ng	100
77) Benzidine	12.72	184	262292	34.065	ng	100
78) Pyrene	12.83	202	867878	36.888	ng	100
80) Butylbenzylphthalate	13.44	149	429748	41.460	ng	100
81) Benzo(a)anthracene	14.03	228	707092	36.482	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	234329	38.109	ng	100
83) Chrysene	14.06	228	681795	36.693	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	567035	43.722	ng	100
85) Di-n-octyl phthalate	14.62	149	923450	46.271	ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	576003	43.391	ng	100
88) Benzo(b)fluoranthene	15.09	252	633088	40.010	ng	100
89) Benzo(k)fluoranthene	15.12	252	631826	40.572	ng	100
90) Benzo(a)pyrene	15.46	252	468979	32.507	ng	100
91) Dibenzo(a,h)anthracene	17.03	278	482977	42.929	ng	100
92) Benzo(g,h,i)perylene	17.47	276	423582	36.295	ng	100

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

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