Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
Data File : BF116692.D
Acq On : 31 Aug 2019 12:02
Operator : HP/JU
Sample : K4517-15MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:23:14 AM

Quant Time: Aug 31 17:24:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106192	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	421870	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	213768	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	365670	20.00	ng		0.00
76) Chrysene-d12	14.00	240	274874	20.00	ng		0.00
87) Perylene-d12	15.45	264	265890	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	708599	108.10	ng		0.00
7) Phenol-d6	6.48	99	994768	115.57	ng		0.00
23) Nitrobenzene-d5	7.41	82	637281	86.24	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	191094	133.72	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	761651	60.10	ng		0.00
79) Terphenyl-d14	12.94	244	786953	52.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	109996	36.352	ng		99
3) Pyridine	3.37	79	278326	31.769	ng		93
4) n-Nitrosodimethylamine	3.30	42	114386	38.021	ng		84
6) Aniline	6.51	93	298624	25.050	ng		96
8) 2-Chlorophenol	6.63	128	302698	42.303	ng		97
9) Benzaldehyde	6.39	77	208103	36.699	ng		98
10) Phenol	6.49	94	415749	43.621	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	291356	39.260	ng		98
12) 1,3-Dichlorobenzene	6.79	146	313126	38.719	ng		95
13) 1,4-Dichlorobenzene	6.86	146	312845	38.856	ng		97
14) 1,2-Dichlorobenzene	7.02	146	297979	39.936	ng		98
15) Benzyl Alcohol	6.99	79	285130	40.810	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	324455	37.264	ng		99
17) 2-Methylphenol	7.10	107	252703	40.342	ng		96
18) Hexachloroethane	7.36	117	119728	38.274	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	223312	39.404	ng		92
20) 3+4-Methylphenols	7.25	107	309577	42.506	ng	#	79
22) Acetophenone	7.25	105	419145	41.268	ng		98
24) Nitrobenzene	7.43	77	337003	44.839	ng		94
25) Isophorone	7.66	82	611080	40.808	ng		99
26) 2-Nitrophenol	7.75	139	148918	53.294	ng		89
27) 2,4-Dimethylphenol	7.78	122	268800	47.632	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	371805	40.631	ng		99
29) 2,4-Dichlorophenol	7.99	162	244157	45.020	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	240459	40.878	ng		95
31) Naphthalene	8.15	128	862837	43.012	ng		98
32) Benzoic acid	7.87	122	62650	19.662	ng		97
33) 4-Chloroaniline	8.19	127	128691	14.093	ng		98
34) Hexachlorobutadiene	8.27	225	127668	39.805	ng		97
35) Caprolactam	8.56	113	87289m	43.007	ng		
36) 4-Chloro-3-methylphenol	8.67	107	288274	46.248	ng		99
37) 2-Methylnaphthalene	8.85	142	581997	43.604	ng		98
38) 1-Methylnaphthalene	8.94	142	546342	43.362	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	210009	40.982	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	241270	81.533	ng		96
43) 2,4,6-Trichlorophenol	9.12	196	158735	45.188	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	169382	46.446	ng		95
46) 1,1'-Biphenyl	9.30	154	680511	41.953	ng		97
47) 2-Chloronaphthalene	9.33	162	536231	41.738	ng		98
48) 2-Nitroaniline	9.42	65	178290	48.001	ng		95
49) Acenaphthylene	9.75	152	867260	44.656	ng		100
50) Dimethylphthalate	9.60	163	712666	48.289	ng		99
51) 2,6-Dinitrotoluene	9.66	165	142481	50.600	ng		87
52) Acenaphthene	9.92	154	551985	46.258	ng		98
53) 3-Nitroaniline	9.83	138	104701	29.671	ng		94
54) 2,4-Dinitrophenol	9.93	184	76765	77.190	ng		90
55) Dibenzofuran	10.09	168	754558	44.856	ng		97
56) 4-Nitrophenol	9.99	139	257993	106.626	ng		87
57) 2,4-Dinitrotoluene	10.06	165	191047	55.488	ng		95
58) Fluorene	10.43	166	591357	46.136	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	132221	50.236	ng		96
60) Diethylphthalate	10.30	149	639667	43.269	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	247155	44.034	ng		95
62) 4-Nitroaniline	10.44	138	170656	49.833	ng		94
63) Azobenzene	10.58	77	684451	44.401	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	65984	48.841	ng		95
66) n-Nitrosodiphenylamine	10.54	169	528431	41.774	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	149001	40.111	ng		97
68) Hexachlorobenzene	10.98	284	155575	40.029	ng		98
69) Atrazine	11.06	200	152290	42.985	ng		94
70) Pentachlorophenol	11.17	266	159839	85.016	ng		98
71) Phenanthrene	11.39	178	1041667	51.174	ng		99
72) Anthracene	11.44	178	917182	44.761	ng		100
73) Carbazole	11.59	167	869744	44.560	ng		99
74) Di-n-butylphthalate	11.93	149	1047568	41.865	ng		100
75) Fluoranthene	12.57	202	1166055	58.290	ng		96
77) Benzidine	12.69	184	359340	33.330	ng		99
78) Pyrene	12.80	202	1154423	47.246	ng		99
80) Butylbenzylphthalate	13.42	149	469760	39.534	ng		98
81) Benzo(a)anthracene	13.99	228	831848	47.816	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	176550	30.030	ng	#	97
83) Chrysene	14.03	228	844905	47.141	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	630575	42.990	ng		98
85) Di-n-octyl phthalate	14.59	149	1126838	46.945	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	716940	49.801	ng	#	94
88) Benzo(b)fluoranthene	15.03	252	790792	49.193	ng	#	98
89) Benzo(k)fluoranthene	15.06	252	622858	42.495	ng	#	97
90) Benzo(a)pyrene	15.39	252	661957	47.331	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	552129	45.102	ng	#	95
92) Benzo(g,h,i)perylene	17.34	276	622211	49.836	ng	#	94

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

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