Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117246.D
Acq On : 25 Sep 2019 17:58
Operator : JU
Sample : K5021-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Manual Integrations APPROVED
mohammad
9/26/2019 3:53:44 PM

Quant Time: Sep 26 03:40:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42820	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	165491	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	85728	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	130943	20.00	ng		0.00
76) Chrysene-d12	13.98	240	71455	20.00	ng		0.00
87) Perylene-d12	15.43	264	71415	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	337060	122.89	ng		0.02
7) Phenol-d6	6.47	99	467249	131.82	ng		0.01
23) Nitrobenzene-d5	7.38	82	286371	90.92	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	96975	135.35	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	487226	88.86	ng		0.00
79) Terphenyl-d14	12.92	244	384815	100.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	41010	35.733	ng	#	95
3) Pyridine	3.40	79	100354	31.947	ng		97
4) n-Nitrosodimethylamine	3.35	42	50301	46.661	ng		90
6) Aniline	6.48	93	147064	32.225	ng	#	1
8) 2-Chlorophenol	6.61	128	135739	45.876	ng		97
9) Benzaldehyde	6.37	77	90356	54.421	ng		98
10) Phenol	6.48	94	193733	49.579	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	125327	43.639	ng		97
12) 1,3-Dichlorobenzene	6.76	146	137454	41.400	ng		99
13) 1,4-Dichlorobenzene	6.83	146	141713	41.824	ng		98
14) 1,2-Dichlorobenzene	6.99	146	134025	42.485	ng		98
15) Benzyl Alcohol	6.96	79	126427	46.513	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	116663	41.117	ng		72
17) 2-Methylphenol	7.08	107	110138	44.415	ng	#	87
18) Hexachloroethane	7.32	117	54735	41.991	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	100699	46.655	ng		93
20) 3+4-Methylphenols	7.23	107	147646	47.801	ng	#	77
22) Acetophenone	7.23	105	203267	48.344	ng		99
24) Nitrobenzene	7.40	77	152341	48.978	ng		99
25) Isophorone	7.64	82	272408	48.847	ng		99
26) 2-Nitrophenol	7.72	139	70071	52.447	ng		96
27) 2,4-Dimethylphenol	7.76	122	116610	55.039	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	157760	45.915	ng		100
29) 2,4-Dichlorophenol	7.96	162	109426	49.291	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	109730	45.751	ng		98
31) Naphthalene	8.12	128	389067	48.883	ng		99
32) Benzoic acid	7.91	122	48464	32.727	ng		96
33) 4-Chloroaniline	8.17	127	63796	18.072	ng		98
34) Hexachlorobutadiene	8.23	225	64075	47.089	ng		96
35) Caprolactam	8.55	113	35334m	47.023	ng		
36) 4-Chloro-3-methylphenol	8.67	107	128745	49.737	ng		97
37) 2-Methylnaphthalene	8.81	142	263754	49.212	ng		99
38) 1-Methylnaphthalene	8.91	142	248851	49.575	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	103374	46.697	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	66739	69.361	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	70994	47.257	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	72918	45.430	ng		95
46) 1,1'-Biphenyl	9.27	154	317696	47.244	ng		98
47) 2-Chloronaphthalene	9.30	162	246615	46.469	ng		98
48) 2-Nitroaniline	9.40	65	77691	45.640	ng		90
49) Acenaphthylene	9.72	152	381678	48.008	ng		98
50) Dimethylphthalate	9.57	163	358350	59.037	ng		99
51) 2,6-Dinitrotoluene	9.65	165	63491	51.357	ng		99
52) Acenaphthene	9.89	154	221219	46.940	ng		99
53) 3-Nitroaniline	9.81	138	39621	25.402	ng		93
54) 2,4-Dinitrophenol	9.93	184	34038	65.625	ng		88
55) Dibenzofuran	10.06	168	339735	48.859	ng		98
56) 4-Nitrophenol	9.99	139	72269	71.489	ng		93
57) 2,4-Dinitrotoluene	10.05	165	80880	50.401	ng	#	84
58) Fluorene	10.40	166	275423	49.172	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	59563	48.493	ng		98
60) Diethylphthalate	10.27	149	284435	47.630	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	119043	49.121	ng		96
62) 4-Nitroaniline	10.43	138	64521	39.776	ng		93
63) Azobenzene	10.55	77	298283	48.905	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	27876	46.906	ng		98
66) n-Nitrosodiphenylamine	10.51	169	236677	52.336	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	66979	50.087	ng		95
68) Hexachlorobenzene	10.96	284	70026	47.877	ng		97
69) Atrazine	11.04	200	61395	59.549	ng		99
70) Pentachlorophenol	11.15	266	60389	88.082	ng		96
71) Phenanthrene	11.36	178	387651	52.121	ng		98
72) Anthracene	11.42	178	381481	50.240	ng		98
73) Carbazole	11.57	167	322294	44.717	ng		99
74) Di-n-butylphthalate	11.89	149	431345	50.301	ng		99
75) Fluoranthene	12.55	202	355469	46.515	ng		99
77) Benzidine	12.67	184	115261	50.075	ng		98
78) Pyrene	12.78	202	350808	58.511	ng		98
80) Butylbenzylphthalate	13.39	149	149115	52.635	ng		99
81) Benzo(a)anthracene	13.97	228	236351	49.508	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	58601	38.092	ng		99
83) Chrysene	14.00	228	232043	49.835	ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	205035	56.131	ng		98
85) Di-n-octyl phthalate	14.56	149	328243	57.093	ng		100
86) Indeno(1,2,3-cd)pyrene	16.90	276	214906	63.264	ng		98
88) Benzo(b)fluoranthene	15.02	252	211162	48.814	ng		98
89) Benzo(k)fluoranthene	15.04	252	191458	46.722	ng		99
90) Benzo(a)pyrene	15.37	252	197181	51.944	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	176929	58.508	ng		100
92) Benzo(g,h,i)perylene	17.33	276	171018	56.752	ng		96

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

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