Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117059.D
Acq On : 16 Sep 2019 13:31
Operator : HP/JU
Sample : K4885-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1868-RBR-200035MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:27 PM

Quant Time: Sep 16 15:18:29 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	60561	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	235449	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	121762	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	208293	20.00	ng		0.00
76) Chrysene-d12	13.97	240	143561	20.00	ng		0.00
87) Perylene-d12	15.41	264	131896	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	496506	128.00	ng		0.00
7) Phenol-d6	6.46	99	687813	137.20	ng		0.00
23) Nitrobenzene-d5	7.39	82	415880	92.81	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	147328	144.77	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	715932	91.93	ng		0.00
79) Terphenyl-d14	12.92	244	722522	94.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	56271	34.668	ng		97
3) Pyridine	3.33	79	138571	31.190	ng		95
4) n-Nitrosodimethylamine	3.25	42	59259	38.867	ng		91
6) Aniline	6.49	93	169066	26.194	ng		98
8) 2-Chlorophenol	6.61	128	175298	41.890	ng		97
9) Benzaldehyde	6.37	77	105525	42.786	ng		99
10) Phenol	6.47	94	245302	44.387	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	164918	40.603	ng		99
12) 1,3-Dichlorobenzene	6.76	146	183844	39.151	ng		98
13) 1,4-Dichlorobenzene	6.84	146	186892	39.000	ng		99
14) 1,2-Dichlorobenzene	6.99	146	176660	39.595	ng		96
15) Benzyl Alcohol	6.96	79	163687	42.579	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	152948	38.114	ng		95
17) 2-Methylphenol	7.08	107	147644	42.098	ng		96
18) Hexachloroethane	7.33	117	71273	38.661	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	125419	41.086	ng		98
20) 3+4-Methylphenols	7.23	107	183259	41.950	ng		97
22) Acetophenone	7.23	105	259877	43.443	ng	#	99
24) Nitrobenzene	7.40	77	196909	44.496	ng		96
25) Isophorone	7.64	82	347865	43.844	ng		99
26) 2-Nitrophenol	7.72	139	90486	47.604	ng		98
27) 2,4-Dimethylphenol	7.76	122	149936	49.741	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	208625	42.678	ng		99
29) 2,4-Dichlorophenol	7.96	162	143533	45.444	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	141893	41.583	ng		98
31) Naphthalene	8.13	128	498463	44.020	ng		99
32) Benzoic acid	7.85	122	20390	14.322	ng		92
33) 4-Chloroaniline	8.17	127	73425	14.620	ng		98
34) Hexachlorobutadiene	8.25	225	80887	41.781	ng		98
35) Caprolactam	8.53	113	46887m	43.858	ng		
36) 4-Chloro-3-methylphenol	8.66	107	170040	46.171	ng		98
37) 2-Methylnaphthalene	8.82	142	345534	45.314	ng		99
38) 1-Methylnaphthalene	8.91	142	314966	44.103	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	134714	42.845	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	109896	79.163	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	91939	43.088	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	100560	44.110	ng		98
46) 1,1'-Biphenyl	9.27	154	409057	42.829	ng		99
47) 2-Chloronaphthalene	9.30	162	320896	42.572	ng		97
48) 2-Nitroaniline	9.39	65	105137	43.485	ng		91
49) Acenaphthylene	9.72	152	507079	44.906	ng		99
50) Dimethylphthalate	9.57	163	518978	60.197	ng		99
51) 2,6-Dinitrotoluene	9.63	165	82618	47.052	ng		89
52) Acenaphthene	9.89	154	288339	43.076	ng		100
53) 3-Nitroaniline	9.80	138	57293	25.861	ng		98
54) 2,4-Dinitrophenol	9.92	184	36491	51.781	ng		96
55) Dibenzofuran	10.06	168	447673	45.329	ng		96
56) 4-Nitrophenol	9.97	139	125433	87.359	ng		96
57) 2,4-Dinitrotoluene	10.04	165	109792	48.170	ng	#	94
58) Fluorene	10.40	166	361662	45.460	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	77449	44.395	ng		98
60) Diethylphthalate	10.27	149	369818	43.601	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	154090	44.766	ng		97
62) 4-Nitroaniline	10.42	138	100713	43.714	ng		94
63) Azobenzene	10.55	77	384328	44.365	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	37071	40.346	ng		86
66) n-Nitrosodiphenylamine	10.51	169	312033	43.377	ng		97
67) 4-Bromophenyl-phenylether	10.87	248	88818	41.754	ng		90
68) Hexachlorobenzene	10.95	284	94413	40.580	ng		94
69) Atrazine	11.03	200	86585	49.772	ng		97
70) Pentachlorophenol	11.15	266	85031	77.968	ng		97
71) Phenanthrene	11.36	178	543364	45.927	ng		99
72) Anthracene	11.41	178	550485	45.576	ng		99
73) Carbazole	11.56	167	513021	44.747	ng		99
74) Di-n-butylphthalate	11.89	149	603546	44.246	ng		98
75) Fluoranthene	12.55	202	604030	49.689	ng		98
77) Benzidine	12.66	184	198401	42.902	ng		99
78) Pyrene	12.77	202	600735	49.871	ng		99
80) Butylbenzylphthalate	13.39	149	373855	65.682	ng		94
81) Benzo(a)anthracene	13.96	228	440846	45.962	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	77735	25.150	ng		96
83) Chrysene	14.00	228	430575	46.027	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	347366	47.333	ng	#	98
85) Di-n-octyl phthalate	14.55	149	567979	49.172	ng		100
86) Indeno(1,2,3-cd)pyrene	16.85	276	375510	55.021	ng		97
88) Benzo(b)fluoranthene	15.00	252	358420	44.862	ng		99
89) Benzo(k)fluoranthene	15.03	252	323038m	42.684	ng		
90) Benzo(a)pyrene	15.36	252	325693	46.456	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	304449	54.511	ng		98
92) Benzo(g,h,i)perylene	17.29	276	315716	56.728	ng		97

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

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