Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000109.D
Acq On : 08 Sep 2019 23:29
Operator : HP/JU
Sample : K4737-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-BPM-04-004-ABCDMSD

Manual Integrations APPROVED
mohammad
9/10/2019 2:09:31 PM

Quant Time: Sep 09 07:17:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	428713	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1599810	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	869956	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1584358	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1336869	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1477954	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2820660	104.92	ng		0.00
7) Phenol-d6	6.52	99	3655251	107.70	ng		0.00
23) Nitrobenzene-d5	7.45	82	1954087	74.95	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	849125	115.80	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3677230	70.59	ng		0.00
79) Terphenyl-d14	13.03	244	4108138	66.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	396431	32.057	ng		96
3) Pyridine	3.49	79	1022217	30.681	ng		96
4) n-Nitrosodimethylamine	3.43	42	334264	31.070	ng	#	88
6) Aniline	6.55	93	1336465	27.209	ng		98
8) 2-Chlorophenol	6.67	128	1095020	39.391	ng		99
9) Benzaldehyde	6.44	77	663738	31.713	ng		95
10) Phenol	6.53	94	1511693	40.089	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	1067238	35.828	ng		98
12) 1,3-Dichlorobenzene	6.83	146	1180108	36.394	ng		99
13) 1,4-Dichlorobenzene	6.91	146	1213520	37.584	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1133246	38.199	ng		98
15) Benzyl Alcohol	7.02	79	896678	36.034	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1007872	31.463	ng		96
17) 2-Methylphenol	7.13	107	905073	37.909	ng		99
18) Hexachloroethane	7.41	117	432723	36.134	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	656072	33.966	ng		96
20) 3+4-Methylphenols	7.29	107	1174181	39.433	ng	#	83
22) Acetophenone	7.29	105	1507734	39.347	ng		98
24) Nitrobenzene	7.47	77	1069908	37.879	ng		90
25) Isophorone	7.70	82	2015753	36.591	ng		98
26) 2-Nitrophenol	7.79	139	503598	45.783	ng		96
27) 2,4-Dimethylphenol	7.82	122	990345	44.618	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	1321237	36.883	ng		98
29) 2,4-Dichlorophenol	8.02	162	944558	41.385	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	1017002	39.086	ng		98
31) Naphthalene	8.20	128	3060848	41.701	ng		100
32) Benzoic acid	7.92	122	571214	40.038	ng		96
33) 4-Chloroaniline	8.23	127	580363	16.765	ng		96
34) Hexachlorobutadiene	8.32	225	569949	38.875	ng		99
35) Caprolactam	8.59	113	313030m	38.566	ng		
36) 4-Chloro-3-methylphenol	8.72	107	985165	39.560	ng		93
37) 2-Methylnaphthalene	8.89	142	2140934	41.737	ng		99
38) 1-Methylnaphthalene	8.99	142	1989575	41.165	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1004604	40.798	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1171206	86.383	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	652779	38.441	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	721192	40.591	ng		99
46) 1,1'-Biphenyl	9.36	154	2552425	41.560	ng		98
47) 2-Chloronaphthalene	9.38	162	1967499	38.593	ng		99
48) 2-Nitroaniline	9.46	65	495978	36.018	ng		87
49) Acenaphthylene	9.80	152	3141415	41.527	ng		100
50) Dimethylphthalate	9.65	163	2773422	46.783	ng		99
51) 2,6-Dinitrotoluene	9.71	165	534643	42.489	ng		97
52) Acenaphthene	9.97	154	2057133	43.338	ng		100
53) 3-Nitroaniline	9.87	138	336916	22.413	ng	#	92
54) 2,4-Dinitrophenol	9.98	184	390561	82.495	ng	#	52
55) Dibenzofuran	10.15	168	2797871	41.509	ng		99
56) 4-Nitrophenol	10.03	139	928557	86.420	ng		87
57) 2,4-Dinitrotoluene	10.12	165	711595	44.296	ng	#	81
58) Fluorene	10.49	166	2132344	42.034	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	590673	43.908	ng		96
60) Diethylphthalate	10.36	149	2313240	38.983	ng		100
61) 4-Chlorophenyl-phenylether	10.48	204	1080223	40.969	ng		98
62) 4-Nitroaniline	10.49	138	575234	40.118	ng		96
63) Azobenzene	10.64	77	2106792	37.076	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	273158	45.315	ng		95
66) n-Nitrosodiphenylamine	10.60	169	1968565	41.822	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	658658	40.907	ng		96
68) Hexachlorobenzene	11.05	284	711889	40.577	ng		98
69) Atrazine	11.12	200	596014	48.544	ng		99
70) Pentachlorophenol	11.23	266	842690	88.645	ng		99
71) Phenanthrene	11.46	178	3329331	42.161	ng		99
72) Anthracene	11.51	178	3307763	42.403	ng		100
73) Carbazole	11.66	167	3125803	42.452	ng		99
74) Di-n-butylphthalate	12.00	149	3647184	40.850	ng		100
75) Fluoranthene	12.66	202	3685280	42.946	ng		96
77) Benzidine	12.77	184	2186177	47.397	ng		97
78) Pyrene	12.89	202	3756388	38.194	ng		100
80) Butylbenzylphthalate	13.52	149	1641014	37.449	ng	#	89
81) Benzo(a)anthracene	14.09	228	3332902	38.473	ng		98
82) 3,3'-Dichlorobenzidine	14.05	252	711188	22.254	ng		99
83) Chrysene	14.13	228	3164198	38.616	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	2166605	37.993	ng	#	99
85) Di-n-octyl phthalate	14.71	149	3902729	38.837	ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	3957797	38.547	ng		97
88) Benzo(b)fluoranthene	15.17	252	3531223	39.116	ng		98
89) Benzo(k)fluoranthene	15.20	252	3266285	39.537	ng		99
90) Benzo(a)pyrene	15.56	252	3352873	41.143	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	3236225	39.711	ng		99
92) Benzo(g,h,i)perylene	17.64	276	3267021	40.502	ng		97

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

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