Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001073.D
Acq On : 19 Nov 2019 02:42
Operator : JU
Sample : K5865-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MS

Manual Integrations APPROVED
mohammad
11/19/2019 2:46:54 PM

Quant Time: Nov 19 05:41:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	170812	20.00	ng		-0.01
21) Naphthalene-d8	10.39	136	645870	20.00	ng		-0.01
39) Acenaphthene-d10	13.26	164	405837	20.00	ng		-0.01
64) Phenanthrene-d10	15.65	188	841304	20.00	ng		0.00
76) Chrysene-d12	19.29	240	638452	20.00	ng		0.00
87) Perylene-d12	21.07	264	652887	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	693422	73.89	ng		0.00
7) Phenol-d6	7.82	99	920962	77.61	ng		0.00
23) Nitrobenzene-d5	9.24	82	564375	48.34	ng		-0.02
42) 2,4,6-Tribromophenol	14.55	330	443514	91.54	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	1336689	49.61	ng		-0.01
79) Terphenyl-d14	17.93	244	1891873	58.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	135684	33.254	ng		97
3) Pyridine	3.70	79	346304	32.101	ng		97
4) n-Nitrosodimethylamine	3.64	42	177104	47.105	ng		78
6) Aniline	7.85	93	509691	32.886	ng	#	88
8) 2-Chlorophenol	8.03	128	500883	50.333	ng		98
9) Benzaldehyde	7.66	77	233463	28.196	ng		98
10) Phenol	7.83	94	661093	50.932	ng		76
11) bis(2-Chloroethyl)ether	7.97	93	425481	42.107	ng		98
12) 1,3-Dichlorobenzene	8.27	146	556784	44.596	ng		97
13) 1,4-Dichlorobenzene	8.39	146	564569	44.894	ng		99
14) 1,2-Dichlorobenzene	8.63	146	538988	46.346	ng		99
15) Benzyl Alcohol	8.59	79	459383	50.799	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.83	45	375591	35.592	ng		93
17) 2-Methylphenol	8.78	107	412359	48.806	ng		95
18) Hexachloroethane	9.16	117	217028	46.984	ng		98
19) n-Nitroso-di-n-propylamine	9.03	70	333145	46.752	ng		96
20) 3+4-Methylphenols	9.03	107	540567	51.572	ng		94
22) Acetophenone	9.01	105	746817	44.773	ng	#	99
24) Nitrobenzene	9.28	77	523670	44.698	ng		99
25) Isophorone	9.67	82	957273	44.543	ng		97
26) 2-Nitrophenol	9.78	139	255372	58.330	ng	#	92
27) 2,4-Dimethylphenol	9.88	122	442409	53.962	ng		94
28) bis(2-Chloroethoxy)methane	10.03	93	570261	40.584	ng		100
29) 2,4-Dichlorophenol	10.18	162	484161	48.927	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	541897	44.576	ng		98
31) Naphthalene	10.43	128	1473281	45.656	ng		100
32) Benzoic acid	10.08	122	300269	58.621	ng		97
33) 4-Chloroaniline	10.52	127	200909	14.519	ng		97
34) Hexachlorobutadiene	10.65	225	376455	46.871	ng		98
35) Caprolactam	11.11	113	146929m	47.043	ng		
36) 4-Chloro-3-methylphenol	11.33	107	540009	52.553	ng		95
37) 2-Methylnaphthalene	11.56	142	1079566	47.798	ng		97
38) 1-Methylnaphthalene	11.72	142	1020988	47.841	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	597685	44.229	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	796929	117.720	ng		100
43) 2,4,6-Trichlorophenol	12.02	196	401293	49.252	ng		99
44) 2,4,5-Trichlorophenol	12.08	196	434365	49.862	ng		98
46) 1,1'-Biphenyl	12.33	154	1374369	45.291	ng		98
47) 2-Chloronaphthalene	12.35	162	1080501	44.231	ng		98
48) 2-Nitroaniline	12.52	65	296199	46.323	ng		98
49) Acenaphthylene	13.03	152	1717222	46.239	ng		99
50) Dimethylphthalate	12.86	163	1573035	52.418	ng		99
51) 2,6-Dinitrotoluene	12.93	165	303033	48.410	ng		89
52) Acenaphthene	13.32	154	992745	44.694	ng		98
53) 3-Nitroaniline	13.19	138	144676	21.190	ng		95
54) 2,4-Dinitrophenol	13.38	184	224206	112.418	ng	#	83
55) Dibenzofuran	13.60	168	1587455	45.756	ng		94
56) 4-Nitrophenol	13.50	139	471576	99.322	ng	#	86
57) 2,4-Dinitrotoluene	13.59	165	406392	51.687	ng	#	90
58) Fluorene	14.16	166	1282445	46.446	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.80	232	398915	53.858	ng	#	93
60) Diethylphthalate	14.02	149	1434360	47.584	ng		99
61) 4-Chlorophenyl-phenylether	14.17	204	688895	47.187	ng		93
62) 4-Nitroaniline	12.52	138	344254	47.026	ng		95
63) Azobenzene	14.44	77	1151269	43.639	ng		96
65) 4,6-Dinitro-2-methylphenol	14.26	198	169916	60.897	ng		98
66) n-Nitrosodiphenylamine	14.37	169	1129921	46.712	ng		98
67) 4-Bromophenyl-phenylether	14.97	248	462563	46.706	ng		97
68) Hexachlorobenzene	15.06	284	537874	46.865	ng		100
69) Atrazine	15.26	200	446103	50.650	ng		98
70) Pentachlorophenol	15.37	266	613842	120.151	ng		100
71) Phenanthrene	15.69	178	1969493	45.740	ng		100
72) Anthracene	15.77	178	2014325	47.955	ng		100
73) Carbazole	16.02	167	1743398	45.271	ng		98
74) Di-n-butylphthalate	16.56	149	2295927	49.398	ng		99
75) Fluoranthene	17.40	202	2227970	45.777	ng		98
77) Benzidine	17.59	184	1187067	50.489	ng		97
78) Pyrene	17.70	202	2214743	49.086	ng		100
80) Butylbenzylphthalate	18.59	149	942915	52.778	ng		95
81) Benzo(a)anthracene	19.28	228	1962962	45.651	ng		100
82) 3,3'-Dichlorobenzidine	19.25	252	404714	25.815	ng		99
83) Chrysene	19.33	228	1756371	46.525	ng		100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1249090	54.988	ng		99
85) Di-n-octyl phthalate	20.11	149	2069942	50.617	ng		98
86) Indeno(1,2,3-cd)pyrene	22.75	276	1977192	38.278	ng	#	95
88) Benzo(b)fluoranthene	20.58	252	1778518	45.699	ng		98
89) Benzo(k)fluoranthene	20.62	252	1725196m	47.092	ng		
90) Benzo(a)pyrene	21.00	252	1584034	44.264	ng	#	98
91) Dibenzo(a,h)anthracene	22.77	278	1654364	45.295	ng	#	96
92) Benzo(g,h,i)perylene	23.25	276	1629777	44.315	ng	#	94

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

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