Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000543.D
Acq On : 07 Oct 2019 15:18
Operator : JU
Sample : K5231-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1MSD

Manual Integrations APPROVED
mohammad
10/8/2019 12:23:53 PM

Quant Time: Oct 07 16:42:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	257480	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	922070	20.00	ng		-0.01
39) Acenaphthene-d10	9.81	164	520998	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	959739	20.00	ng		0.00
76) Chrysene-d12	13.97	240	830296	20.00	ng		0.00
87) Perylene-d12	15.45	264	962970	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1904438	118.89	ng		0.00
7) Phenol-d6	6.40	99	2449409	126.90	ng		0.00
23) Nitrobenzene-d5	7.32	82	1316849	87.22	ng		-0.01
42) 2,4,6-Tribromophenol	10.60	330	723677	130.35	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2614581	81.20	ng		0.00
79) Terphenyl-d14	12.91	244	3043340	74.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	225143	35.198	ng		97
3) Pyridine	3.22	79	567784	32.488	ng		96
4) n-Nitrosodimethylamine	3.16	42	197796	40.220	ng		93
6) Aniline	6.42	93	725014	30.917	ng	#	60
8) 2-Chlorophenol	6.55	128	658895	41.680	ng		98
9) Benzaldehyde	6.30	77	361795	35.984	ng		97
10) Phenol	6.42	94	841898	42.600	ng		95
11) bis(2-Chloroethyl)ether	6.50	93	609822	40.107	ng		99
12) 1,3-Dichlorobenzene	6.70	146	730920	38.142	ng		98
13) 1,4-Dichlorobenzene	6.78	146	745474	38.660	ng		97
14) 1,2-Dichlorobenzene	6.93	146	687438	38.613	ng		100
15) Benzyl Alcohol	6.90	79	512757	41.133	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	563461	40.175	ng		99
17) 2-Methylphenol	7.02	107	526493	40.299	ng		98
18) Hexachloroethane	7.28	117	256333	37.351	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	366652	41.210	ng		99
20) 3+4-Methylphenols	7.18	107	675875	44.211	ng	#	78
22) Acetophenone	7.17	105	888617	41.708	ng	#	98
24) Nitrobenzene	7.34	77	613573	42.139	ng		96
25) Isophorone	7.58	82	1141582	42.605	ng		98
26) 2-Nitrophenol	7.66	139	334297	43.657	ng		97
27) 2,4-Dimethylphenol	7.70	122	586275	49.948	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	757957	41.625	ng		100
29) 2,4-Dichlorophenol	7.90	162	583295	43.950	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	633044	40.614	ng		99
31) Naphthalene	8.07	128	1861136	43.218	ng		99
32) Benzoic acid	7.82	122	323742	43.681	ng		99
33) 4-Chloroaniline	8.11	127	334122	17.671	ng		98
34) Hexachlorobutadiene	8.19	225	368425	39.113	ng		98
35) Caprolactam	8.47	113	186894m	42.044	ng		
36) 4-Chloro-3-methylphenol	8.60	107	577441	44.423	ng		99
37) 2-Methylnaphthalene	8.76	142	1299805	44.962	ng		99
38) 1-Methylnaphthalene	8.86	142	1215416	44.495	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	649722	39.400	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	579660	87.105	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	416753	41.055	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	446013	42.555	ng		98
46) 1,1'-Biphenyl	9.23	154	1592561	40.496	ng		98
47) 2-Chloronaphthalene	9.25	162	1242552	40.861	ng		100
48) 2-Nitroaniline	9.35	65	298605	40.559	ng		93
49) Acenaphthylene	9.67	152	1976632	43.084	ng		100
50) Dimethylphthalate	9.53	163	1752232	48.402	ng		99
51) 2,6-Dinitrotoluene	9.59	165	333397	42.232	ng		90
52) Acenaphthene	9.84	154	1151349	41.370	ng		99
53) 3-Nitroaniline	9.76	138	204038	22.556	ng		92
54) 2,4-Dinitrophenol	9.87	184	251836	95.599	ng		98
55) Dibenzofuran	10.02	168	1775525	42.679	ng		99
56) 4-Nitrophenol	9.93	139	508281	88.011	ng		97
57) 2,4-Dinitrotoluene	10.00	165	440881	42.120	ng		99
58) Fluorene	10.36	166	1384980	46.711	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	375619	42.396	ng		99
60) Diethylphthalate	10.23	149	1402587	40.814	ng		98
61) 4-Chlorophenyl-phenylether	10.35	204	713118	44.726	ng		98
62) 4-Nitroaniline	10.37	138	372127	42.774	ng		100
63) Azobenzene	10.52	77	1224823	46.423	ng		97
65) 4,6-Dinitro-2-methylphenol	10.41	198	196902	46.281	ng		98
66) n-Nitrosodiphenylamine	10.47	169	1254510	44.880	ng		97
67) 4-Bromophenyl-phenylether	10.85	248	445629	41.249	ng	#	93
68) Hexachlorobenzene	10.92	284	475157	38.703	ng		93
69) Atrazine	11.00	200	384714	41.940	ng		99
70) Pentachlorophenol	11.12	266	475776	96.488	ng		97
71) Phenanthrene	11.33	178	2102922	43.629	ng		98
72) Anthracene	11.38	178	2162861	45.256	ng		99
73) Carbazole	11.54	167	2001757	45.184	ng		98
74) Di-n-butylphthalate	11.87	149	2302983	42.673	ng		99
75) Fluoranthene	12.53	202	2349968	43.410	ng		100
77) Benzidine	12.65	184	1474347	61.320	ng		98
78) Pyrene	12.76	202	2447266	42.736	ng		99
80) Butylbenzylphthalate	13.39	149	1022397	40.972	ng		100
81) Benzo(a)anthracene	13.96	228	2170176	42.838	ng		97
82) 3,3'-Dichlorobenzidine	13.93	252	464708	23.094	ng		98
83) Chrysene	14.00	228	2122510	42.687	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1311885	41.801	ng		99
85) Di-n-octyl phthalate	14.59	149	2417774	42.503	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2579884	41.537	ng		99
88) Benzo(b)fluoranthene	15.03	252	2312913	42.336	ng		98
89) Benzo(k)fluoranthene	15.06	252	2191237	42.129	ng		98
90) Benzo(a)pyrene	15.39	252	2217213	43.537	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	2108490	42.688	ng		99
92) Benzo(g,h,i)perylene	17.37	276	2129499	42.429	ng		100

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

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