Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019156.D
Acq On : 13 Mar 2019 21:19
Operator : JU/SJ
Sample : K1861-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF-10-031119MSD

Manual Integrations APPROVED
Sohil
3/14/2019 3:38:06 PM

Quant Time: Mar 14 08:06:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	208298	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	922818	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	589540	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	1334504	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1299861	20.00	ng		0.00
87) Perylene-d12	23.50	264	1102860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2037452	158.41	ng		0.00
7) Phenol-d6	6.85	99	3063779	162.85	ng		0.00
23) Nitrobenzene-d5	8.83	82	1867317	95.65	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	1387970	159.46	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	4037081	89.07	ng		0.00
79) Terphenyl-d14	19.71	244	6431928	98.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	206398	36.073	ng		98
3) Pyridine	3.62	79	432774	27.801	ng		100
4) n-Nitrosodimethylamine	3.54	42	198786	41.076	ng		95
6) Aniline	7.00	93	608879	25.068	ng		98
8) 2-Chlorophenol	7.23	128	722678	46.756	ng		98
9) Benzaldehyde	6.82	77	347234	29.343	ng		98
10) Phenol	6.87	94	1154012	56.916	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	659585	42.632	ng		99
12) 1,3-Dichlorobenzene	7.55	146	670329	40.982	ng		99
13) 1,4-Dichlorobenzene	7.69	146	691939	41.493	ng		99
14) 1,2-Dichlorobenzene	8.00	146	677234	41.742	ng		99
15) Benzyl Alcohol	7.92	79	735679	47.248	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	658683	41.695	ng		98
17) 2-Methylphenol	8.11	107	658781	49.861	ng		99
18) Hexachloroethane	8.72	117	254725	41.108	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	676279	43.816	ng		99
20) 3+4-Methylphenols	8.44	107	909513	50.713	ng		98
22) Acetophenone	8.49	105	1097203	43.023	ng	#	99
24) Nitrobenzene	8.87	77	926407	45.628	ng		99
25) Isophorone	9.39	82	1739533	46.697	ng		100
26) 2-Nitrophenol	9.57	139	402298	47.802	ng		99
27) 2,4-Dimethylphenol	9.63	122	725605	57.995	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	1022240	46.345	ng		100
29) 2,4-Dichlorophenol	10.10	162	747112	53.917	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	701862	44.920	ng		100
31) Naphthalene	10.49	128	2188910	45.003	ng		99
32) Benzoic acid	9.80	122	387111m	36.533	ng		
33) 4-Chloroaniline	10.63	127	252886	12.683	ng		99
34) Hexachlorobutadiene	10.76	225	377450	42.096	ng		99
35) Caprolactam	11.46	113	260107m	52.695	ng		
36) 4-Chloro-3-methylphenol	11.75	107	893965	52.286	ng		99
37) 2-Methylnaphthalene	12.12	142	1688972	47.785	ng		99
38) 1-Methylnaphthalene	12.33	142	1621979	46.557	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	805324	43.184	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	854125	101.114	ng	98
43) 2,4,6-Trichlorophenol	12.74	196	619979	51.444	ng	99
44) 2,4,5-Trichlorophenol	12.81	196	658942	51.132	ng	99
46) 1,1'-Biphenyl	13.14	154	2240385	43.515	ng	100
47) 2-Chloronaphthalene	13.18	162	1736775	45.193	ng	100
48) 2-Nitroaniline	13.41	65	632516	49.076	ng	98
49) Acenaphthylene	14.03	152	2901754	44.656	ng	100
50) Dimethylphthalate	13.79	163	2638480	52.317	ng	99
51) 2,6-Dinitrotoluene	13.92	165	519236	47.627	ng	95
52) Acenaphthene	14.38	154	1672157	44.784	ng	99
53) 3-Nitroaniline	14.25	138	313312	27.135	ng	94
54) 2,4-Dinitrophenol	14.46	184	567801	89.681	ng	99
55) Dibenzofuran	14.72	168	2762931	45.885	ng	99
56) 4-Nitrophenol	14.57	139	899109	95.372	ng	98
57) 2,4-Dinitrotoluene	14.70	165	746311	47.160	ng	98
58) Fluorene	15.37	166	2281341	45.964	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	601112	50.104	ng	100
60) Diethylphthalate	15.15	149	2442961	47.829	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1122843	46.579	ng	98
62) 4-Nitroaniline	15.42	138	516205	44.361	ng	98
63) Azobenzene	15.66	77	2570093	47.818	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	385911	44.130	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1996947	47.002	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	676344	45.959	ng	100
68) Hexachlorobenzene	16.36	284	797301	45.571	ng	99
69) Atrazine	16.54	200	703400	49.183	ng	99
70) Pentachlorophenol	16.72	266	1002087	95.065	ng	99
71) Phenanthrene	17.11	178	3504862	44.808	ng	99
72) Anthracene	17.20	178	3622742	47.310	ng	99
73) Carbazole	17.49	167	3309072	45.786	ng	99
74) Di-n-butylphthalate	18.03	149	4263146	48.780	ng	100
75) Fluoranthene	19.13	202	4012392	44.704	ng	100
77) Benzidine	19.34	184	785904	21.319	ng	100
78) Pyrene	19.50	202	4044538	49.178	ng	99
80) Butylbenzylphthalate	20.40	149	1945221	54.303	ng	99
81) Benzo(a)anthracene	21.25	228	3614471	44.323	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	774483	24.653	ng	98
83) Chrysene	21.31	228	3443331	43.646	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2839047	54.477	ng	98
85) Di-n-octyl phthalate	22.05	149	4624440	52.697	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3345051	39.388	ng	100
88) Benzo(b)fluoranthene	22.83	252	3223365	45.106	ng	100
89) Benzo(k)fluoranthene	22.88	252	3285209	49.981	ng	99
90) Benzo(a)pyrene	23.41	252	3045264	47.418	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	2860405	46.561	ng	99
92) Benzo(g,h,i)perylene	26.47	276	2662351	47.203	ng	100

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

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