Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016605.D
Acq On : 27 Aug 2018 14:14
Operator : SJ/JU
Sample : J4646-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MSD

Manual Integrations APPROVED
Sohil
8/27/2018 5:01:06 PM

Quant Time: Aug 27 15:35:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	92011	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	353633	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	271755	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	847652	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1179247	20.00	ng		0.00
86) Perylene-d12	23.82	264	1244295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	421743	89.82	ng		0.00
7) Phenol-d6	7.18	99	525391	84.56	ng		0.00
23) Nitrobenzene-d5	9.19	82	485965	62.74	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	679258	89.41	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	1610527	56.97	ng		0.00
78) Terphenyl-d14	19.97	244	3639937	65.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	54530	21.021	ng	#	100
3) Pyridine	3.80	79	91912	17.030	ng	#	81
4) n-Nitrosodimethylamine	3.73	42	61657	25.644	ng	#	78
6) Aniline	7.35	93	98835	14.215	ng	#	81
8) 2-Chlorophenol	7.57	128	137499	24.610	ng		89
9) Benzaldehyde	7.17	77	86876	20.147	ng	#	76
10) Phenol	7.21	94	145096	23.613	ng		88
11) bis(2-Chloroethyl)ether	7.43	93	99963	21.695	ng		99
12) 1,3-Dichlorobenzene	7.89	146	157061	21.203	ng	#	80
13) 1,4-Dichlorobenzene	8.04	146	164063	21.581	ng		95
14) 1,2-Dichlorobenzene	8.35	146	159668	21.379	ng		93
15) Benzyl Alcohol	8.27	79	132778	23.012	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.53	45	68983	21.742	ng	#	40
17) 2-Methylphenol	8.47	107	100983	22.695	ng	#	69
18) Hexachloroethane	9.06	117	85707	24.472	ng	#	47
19) n-Nitroso-di-n-propylamine	8.82	70	103870	21.322	ng	#	86
20) 3+4-Methylphenols	8.80	107	131659	21.400	ng	#	80
22) Acetophenone	8.85	105	201375	23.648	ng	#	95
24) Nitrobenzene	9.23	77	183253	23.681	ng	#	88
25) Isophorone	9.75	82	284095	27.445	ng	#	93
26) 2-Nitrophenol	9.95	139	73524	22.224	ng	#	33
27) 2,4-Dimethylphenol	10.00	122	115178	26.715	ng	#	79
28) bis(2-Chloroethoxy)methane	10.23	93	151274	24.481	ng		96
29) 2,4-Dichlorophenol	10.48	162	173719	26.923	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	263178	26.880	ng		94
31) Naphthalene	10.86	128	408309	24.234	ng		99
32) Benzoic acid	10.18	122	53801m	14.915	ng		
33) 4-Chloroaniline	11.00	127	95004m	13.398	ng		
34) Hexachlorobutadiene	11.11	225	276577	29.596	ng		99
35) Caprolactam	11.80	113	33992	21.954	ng	#	58
36) 4-Chloro-3-methylphenol	12.12	107	148424	23.927	ng	#	81
37) 2-Methylnaphthalene	12.47	142	351545	26.653	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	418163	27.246	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	383871	60.996	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	241231	26.284	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	226409	25.254	ng	#	96
45) 1,1'-Biphenyl	13.47	154	492990	20.689	ng		96
46) 2-Chloronaphthalene	13.53	162	415295	21.452	ng		96
47) 2-Nitroaniline	13.76	65	102116	19.804	ng	#	81
48) Acenaphthylene	14.37	152	599022	21.921	ng		98
49) Dimethylphthalate	14.11	163	842569	32.272	ng	#	97
50) 2,6-Dinitrotoluene	14.25	165	118534	23.277	ng	#	84
51) Acenaphthene	14.71	154	358388	21.347	ng		99
52) 3-Nitroaniline	14.60	138	63021	13.601	ng		90
53) 2,4-Dinitrophenol	14.83	184	89450	35.100	ng	#	73
54) Dibenzofuran	15.05	168	706803	21.992	ng	#	89
55) 4-Nitrophenol	14.92	139	98925	33.473	ng	#	82
56) 2,4-Dinitrotoluene	15.05	165	171028	20.141	ng	#	84
57) Fluorene	15.69	166	564531	23.253	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	235676	27.351	ng	#	100
59) Diethylphthalate	15.46	149	571978	21.011	ng		94
60) 4-Chlorophenyl-phenylether	15.68	204	491013	24.116	ng	#	85
61) 4-Nitroaniline	15.76	138	72954	16.110	ng	#	1
62) Azobenzene	15.97	77	675834	23.308	ng		92
64) 4,6-Dinitro-2-methylphenol	15.82	198	109670	17.028	ng	#	61
65) n-Nitrosodiphenylamine	15.90	169	497797	20.875	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	316836	24.326	ng		96
67) Hexachlorobenzene	16.69	284	344307	22.668	ng		93
68) Atrazine	16.85	200	289355	26.588	ng		91
69) Pentachlorophenol	17.05	266	303059	37.710	ng		97
70) Phenanthrene	17.43	178	990069	22.599	ng		99
71) Anthracene	17.52	178	1009243	23.199	ng		98
72) Carbazole	17.80	167	730111	18.674	ng		98
73) Di-n-butylphthalate	18.32	149	958247	20.104	ng	#	96
74) Fluoranthene	19.43	202	1535080	23.897	ng		94
76) Benzidine	19.63	184	410433	18.098	ng		98
77) Pyrene	19.79	202	1558476	24.318	ng		100
79) Butylbenzylphthalate	20.66	149	460421	20.813	ng	#	72
80) Benzo(a)anthracene	21.52	228	1710848	24.677	ng		99
81) 3,3'-Dichlorobenzidine	21.45	252	474868	15.387	ng	#	96
82) Chrysene	21.57	228	1554598	23.501	ng		100
83) Bis(2-ethylhexyl)phthalate	21.40	149	671418	20.417	ng	#	90
84) Di-n-octyl phthalate	22.29	149	1088596	19.919	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.13	276	2120370	22.289	ng	#	92
87) Benzo(b)fluoranthene	23.13	252	1790001	24.955	ng	#	91
88) Benzo(k)fluoranthene	23.17	252	1794515	24.588	ng	#	93
89) Benzo(a)pyrene	23.72	252	1728809	24.771	ng	#	94
90) Dibenzo(a,h)anthracene	26.12	278	1762676	22.536	ng	#	87
91) Benzo(g,h,i)perylene	26.84	276	1653394	23.549	ng	#	80

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

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