Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
Data File : BM018709.D
Acq On : 01 Feb 2019 16:53
Operator : JU/SJ
Sample : K1297-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C17-SS1MSD

Manual Integrations APPROVED
apatel
2/4/2019 12:44:33 PM

Quant Time: Feb 01 22:16:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	229891	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	901828	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	490320	20.00	ng		-0.02
64) Phenanthrene-d10	17.12	188	1088252	20.00	ng		-0.02
76) Chrysene-d12	21.32	240	1137445	20.00	ng		-0.01
87) Perylene-d12	23.59	264	1189725	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1196270	96.08	ng		-0.02
7) Phenol-d6	6.90	99	1534327	97.03	ng		-0.01
23) Nitrobenzene-d5	8.89	82	931722	59.89	ng		-0.02
42) 2,4,6-Tribromophenol	15.87	330	619635	99.25	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	2172601	57.82	ng		-0.02
79) Terphenyl-d14	19.76	244	3357726	62.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	129350	25.491	ng		98
3) Pyridine	3.66	79	353160	27.915	ng		98
4) n-Nitrosodimethylamine	3.58	42	183173	35.014	ng	#	92
6) Aniline	7.06	93	416206	23.595	ng		98
8) 2-Chlorophenol	7.29	128	505689	34.777	ng		96
9) Benzaldehyde	6.87	77	276914	27.999	ng		99
10) Phenol	6.92	94	659750	41.058	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	404866	32.066	ng		95
12) 1,3-Dichlorobenzene	7.61	146	538395	31.091	ng		99
13) 1,4-Dichlorobenzene	7.76	146	547659	31.203	ng		98
14) 1,2-Dichlorobenzene	8.07	146	535818	32.196	ng		99
15) Benzyl Alcohol	7.97	79	391945	34.317	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	541660	33.570	ng		97
17) 2-Methylphenol	8.17	107	386846	35.466	ng		99
18) Hexachloroethane	8.79	117	175652	28.069	ng		95
19) n-Nitroso-di-n-propylamine	8.53	70	323878	31.473	ng		94
20) 3+4-Methylphenols	8.49	107	519114	34.476	ng		99
22) Acetophenone	8.55	105	676305	30.315	ng	#	97
24) Nitrobenzene	8.93	77	490763	32.062	ng		97
25) Isophorone	9.45	82	868543	36.870	ng		98
26) 2-Nitrophenol	9.63	139	261901	35.386	ng		96
27) 2,4-Dimethylphenol	9.69	122	427102	38.500	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	544505	33.459	ng		98
29) 2,4-Dichlorophenol	10.16	162	464885	35.192	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	510661	31.145	ng		100
31) Naphthalene	10.56	128	1523478	35.077	ng		99
32) Benzoic acid	9.78	122	52916m	12.627	ng		
33) 4-Chloroaniline	10.69	127	310116	18.130	ng		97
34) Hexachlorobutadiene	10.83	225	301122	29.070	ng		98
35) Caprolactam	11.49	113	129761m	28.892	ng		
36) 4-Chloro-3-methylphenol	11.81	107	473291	34.151	ng		99
37) 2-Methylnaphthalene	12.17	142	1089106	35.491	ng		99
38) 1-Methylnaphthalene	12.40	142	1029252	34.665	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	553385	32.274	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	218866	23.258	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	380368	36.531	ng		97
44) 2,4,5-Trichlorophenol	12.87	196	403732	36.868	ng		97
46) 1,1'-Biphenyl	13.20	154	1338540	31.265	ng		100
47) 2-Chloronaphthalene	13.24	162	1049082	31.600	ng		99
48) 2-Nitroaniline	13.46	65	287935	35.253	ng		93
49) Acenaphthylene	14.09	152	1691561	34.963	ng		100
50) Dimethylphthalate	13.83	163	1510782	37.518	ng		100
51) 2,6-Dinitrotoluene	13.96	165	279038	32.713	ng		93
52) Acenaphthene	14.44	154	1098571	37.110	ng		98
53) 3-Nitroaniline	14.30	138	237606	27.630	ng		97
54) 2,4-Dinitrophenol	14.50	184	64695	19.951	ng		96
55) Dibenzofuran	14.77	168	1749217	35.762	ng		99
56) 4-Nitrophenol	14.61	139	518260	69.761	ng		96
57) 2,4-Dinitrotoluene	14.75	165	388295	32.174	ng		99
58) Fluorene	15.42	166	1522447	41.784	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.00	232	369412	38.059	ng		96
60) Diethylphthalate	15.20	149	1309339	32.209	ng		100
61) 4-Chlorophenyl-phenylether	15.42	204	628329	29.920	ng		98
62) 4-Nitroaniline	15.46	138	263955	28.141	ng		96
63) Azobenzene	15.71	77	1055562	31.848	ng		96
65) 4,6-Dinitro-2-methylphenol	15.51	198	76312	15.159	ng		95
66) n-Nitrosodiphenylamine	15.64	169	1110788	32.905	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	384872	31.603	ng		97
68) Hexachlorobenzene	16.42	284	424198	31.115	ng		100
69) Atrazine	16.60	200	401420	32.893	ng		98
70) Pentachlorophenol	16.77	266	556129	62.285	ng		99
71) Phenanthrene	17.17	178	6612436	114.236	ng		99
72) Anthracene	17.26	178	3201729	57.521	ng		100
73) Carbazole	17.53	167	2577318	45.069	ng		99
74) Di-n-butylphthalate	18.09	149	2248832	35.901	ng		100
75) Fluoranthene	19.19	202	7848154	117.600	ng		98
77) Benzidine	19.39	184	44432	1.582	ng	#	93
78) Pyrene	19.56	202	6708631	99.502	ng		99
80) Butylbenzylphthalate	20.46	149	1043772	36.280	ng		96
81) Benzo(a)anthracene	21.31	228	4816528	71.879	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	532856	21.029	ng		100
83) Chrysene	21.36	228	4337222	67.029	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1589571	38.263	ng		99
85) Di-n-octyl phthalate	22.12	149	2647187	37.886	ng		96
86) Indeno(1,2,3-cd)pyrene	25.89	276	3637581	48.752	ng		96
88) Benzo(b)fluoranthene	22.91	252	4753342	70.375	ng		99
89) Benzo(k)fluoranthene	22.95	252	3230898	47.465	ng		98
90) Benzo(a)pyrene	23.49	252	4055143	62.712	ng		97
91) Dibenzo(a,h)anthracene	25.90	278	2442451	37.278	ng		99
92) Benzo(g,h,i)perylene	26.60	276	3101941	48.651	ng		98

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

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