Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020527.D
Acq On : 23 May 2019 21:58
Operator : JU/SJ
Sample : K2642-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OK-01-052119MSD

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:41 PM

Quant Time: May 24 03:33:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	56150	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	180584	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	109231	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	275991	20.00	ng		0.00
76) Chrysene-d12	21.28	240	319282	20.00	ng		0.00
87) Perylene-d12	23.52	264	370568	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	386978	112.65	ng		0.00
7) Phenol-d6	6.85	99	470777	100.32	ng		0.00
23) Nitrobenzene-d5	8.84	82	361369	79.00	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	258208	152.29	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	725998	81.78	ng		0.00
79) Terphenyl-d14	19.72	244	1425109	77.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	56774	33.699	ng	#	65
3) Pyridine	3.59	79	116194	26.967	ng	#	88
4) n-Nitrosodimethylamine	3.50	42	38975	28.208	ng	#	49
6) Aniline	7.01	93	60348	10.216	ng		96
8) 2-Chlorophenol	7.23	128	131979	35.286	ng		96
9) Benzaldehyde	6.82	77	76599	21.566	ng		92
10) Phenol	6.87	94	155635	30.807	ng		88
11) bis(2-Chloroethyl)ether	7.10	93	130217	35.463	ng		93
12) 1,3-Dichlorobenzene	7.55	146	136907	31.460	ng		93
13) 1,4-Dichlorobenzene	7.70	146	141096	32.095	ng		95
14) 1,2-Dichlorobenzene	8.02	146	133750	31.934	ng		95
15) Benzyl Alcohol	7.92	79	124478	27.508	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	84153	27.639	ng		93
17) 2-Methylphenol	8.12	107	107509	33.058	ng		94
18) Hexachloroethane	8.73	117	52892	28.855	ng		87
19) n-Nitroso-di-n-propylamine	8.47	70	115727	28.824	ng	#	91
20) 3+4-Methylphenols	8.45	107	135921	31.447	ng		94
22) Acetophenone	8.50	105	203642	41.262	ng	#	95
24) Nitrobenzene	8.88	77	180602	38.081	ng		97
25) Isophorone	9.40	82	295312	37.439	ng		98
26) 2-Nitrophenol	9.59	139	61877	43.217	ng		93
27) 2,4-Dimethylphenol	9.64	122	105254	44.156	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	161847	37.674	ng		99
29) 2,4-Dichlorophenol	10.12	162	125010	41.590	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	152653	41.275	ng		96
31) Naphthalene	10.51	128	356559	38.048	ng		99
32) Benzoic acid	9.77	122	40071m	26.984	ng		
33) 4-Chloroaniline	10.65	127	18116	4.697	ng	#	93
34) Hexachlorobutadiene	10.77	225	105740	40.416	ng		97
35) Caprolactam	11.45	113	25633m	28.520	ng		
36) 4-Chloro-3-methylphenol	11.76	107	123626	35.000	ng		96
37) 2-Methylnaphthalene	12.13	142	266148	38.957	ng		97
38) 1-Methylnaphthalene	12.35	142	254137	38.041	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	195493	45.745	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	155394	61.756	ng		95
43) 2,4,6-Trichlorophenol	12.75	196	114890	47.304	ng		96
44) 2,4,5-Trichlorophenol	12.82	196	119789	44.149	ng		96
46) 1,1'-Biphenyl	13.16	154	360928	40.144	ng		99
47) 2-Chloronaphthalene	13.20	162	289422	40.318	ng		98
48) 2-Nitroaniline	13.42	65	74551	29.171	ng		90
49) Acenaphthylene	14.05	152	430464	37.470	ng		99
50) Dimethylphthalate	13.79	163	365078	39.324	ng		100
51) 2,6-Dinitrotoluene	13.93	165	77452	39.610	ng		87
52) Acenaphthene	14.39	154	256890	38.994	ng		99
53) 3-Nitroaniline	14.26	138	20290	11.180	ng		86
54) 2,4-Dinitrophenol	14.47	184	73987	76.013	ng		92
55) Dibenzofuran	14.73	168	455020	40.947	ng		97
56) 4-Nitrophenol	14.57	139	94068	60.751	ng		90
57) 2,4-Dinitrotoluene	14.72	165	106877	40.225	ng		94
58) Fluorene	15.38	166	359644	39.407	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.96	232	118870	46.102	ng		93
60) Diethylphthalate	15.16	149	345166	36.903	ng		98
61) 4-Chlorophenyl-phenylether	15.37	204	223413	43.205	ng		91
62) 4-Nitroaniline	15.43	138	51502m	25.715	ng		
63) Azobenzene	15.67	77	381277	34.554	ng		96
65) 4,6-Dinitro-2-methylphenol	15.49	198	53292	39.721	ng		90
66) n-Nitrosodiphenylamine	15.60	169	309822	38.150	ng		99
67) 4-Bromophenyl-phenylether	16.27	248	142374	42.068	ng	#	89
68) Hexachlorobenzene	16.37	284	167134	42.915	ng		96
69) Atrazine	16.55	200	112800	35.542	ng		96
70) Pentachlorophenol	16.73	266	188619	84.647	ng		98
71) Phenanthrene	17.12	178	603696	39.626	ng		99
72) Anthracene	17.22	178	595318	39.083	ng		99
73) Carbazole	17.49	167	502535	36.563	ng		98
74) Di-n-butylphthalate	18.04	149	566755	34.265	ng		98
75) Fluoranthene	19.14	202	780939	40.513	ng		99
77) Benzidine	19.36	184	1819	0.178	ng	#	66
78) Pyrene	19.51	202	803466	37.482	ng		99
80) Butylbenzylphthalate	20.41	149	246647	31.640	ng		99
81) Benzo(a)anthracene	21.26	228	837010	37.381	ng		100
82) 3,3'-Dichlorobenzidine	21.20	252	129622	15.168	ng	#	99
83) Chrysene	21.32	228	842147	38.781	ng		100
84) Bis(2-ethylhexyl)phthalate	21.18	149	378315	31.275	ng	#	98
85) Di-n-octyl phthalate	22.06	149	695439	34.591	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.80	276	1118505	43.302	ng	#	100
88) Benzo(b)fluoranthene	22.84	252	953513	38.966	ng		99
89) Benzo(k)fluoranthene	22.89	252	891013	39.917	ng		99
90) Benzo(a)pyrene	23.43	252	897130	40.362	ng		98
91) Dibenzo(a,h)anthracene	25.81	278	968801	41.912	ng		98
92) Benzo(g,h,i)perylene	26.50	276	945089	43.065	ng	#	97

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

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