Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020526.D
Acq On : 23 May 2019 21:22
Operator : JU/SJ
Sample : K2642-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:40 PM

Quant Time: May 24 03:31:28 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	60152	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	201097	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	123514	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	313493	20.00	ng		0.00
76) Chrysene-d12	21.28	240	354953	20.00	ng		0.00
87) Perylene-d12	23.52	264	404174	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	457170	124.23	ng		0.00
7) Phenol-d6	6.85	99	534078	106.24	ng		0.00
23) Nitrobenzene-d5	8.84	82	441523	86.68	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	315859	164.75	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	878530	87.51	ng		0.00
79) Terphenyl-d14	19.72	244	1750916	86.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	61882	34.287	ng	#	50
3) Pyridine	3.59	79	134478	29.134	ng	#	88
4) n-Nitrosodimethylamine	3.50	42	43976	29.710	ng	#	51
6) Aniline	7.01	93	90748	14.340	ng		94
8) 2-Chlorophenol	7.23	128	158095	39.456	ng		95
9) Benzaldehyde	6.83	77	104866	27.560	ng		90
10) Phenol	6.87	94	178005	32.890	ng		89
11) bis(2-Chloroethyl)ether	7.10	93	159677	40.593	ng		92
12) 1,3-Dichlorobenzene	7.55	146	165620	35.526	ng		93
13) 1,4-Dichlorobenzene	7.70	146	170477	36.198	ng		96
14) 1,2-Dichlorobenzene	8.02	146	163766	36.499	ng		96
15) Benzyl Alcohol	7.92	79	151302	31.211	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	99879	30.621	ng		87
17) 2-Methylphenol	8.12	107	126840	36.407	ng		95
18) Hexachloroethane	8.73	117	63296	32.233	ng		88
19) n-Nitroso-di-n-propylamine	8.48	70	140091	32.571	ng		92
20) 3+4-Methylphenols	8.45	107	164086	35.437	ng		95
22) Acetophenone	8.50	105	247541	45.040	ng	#	94
24) Nitrobenzene	8.88	77	216634	41.019	ng		96
25) Isophorone	9.40	82	360355	41.025	ng		98
26) 2-Nitrophenol	9.59	139	76322	47.869	ng		93
27) 2,4-Dimethylphenol	9.65	122	126215	47.548	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	193917	40.534	ng		100
29) 2,4-Dichlorophenol	10.12	162	151831	45.361	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	185305	44.993	ng		94
31) Naphthalene	10.51	128	435987	41.778	ng		99
32) Benzoic acid	9.78	122	48890m	28.932	ng		
33) 4-Chloroaniline	10.65	127	25641	5.970	ng		97
34) Hexachlorobutadiene	10.77	225	130643	44.841	ng		98
35) Caprolactam	11.45	113	29046m	29.021	ng		
36) 4-Chloro-3-methylphenol	11.76	107	153103	38.923	ng		94
37) 2-Methylnaphthalene	12.13	142	323316	42.497	ng		97
38) 1-Methylnaphthalene	12.35	142	310833	41.781	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	238090	49.270	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	196103	68.922	ng		97
43) 2,4,6-Trichlorophenol	12.75	196	142135	51.754	ng		100
44) 2,4,5-Trichlorophenol	12.83	196	149478	48.721	ng		96
46) 1,1'-Biphenyl	13.16	154	435206	42.808	ng		99
47) 2-Chloronaphthalene	13.20	162	351847	43.347	ng		98
48) 2-Nitroaniline	13.43	65	94692	32.768	ng		93
49) Acenaphthylene	14.05	152	527331	40.594	ng		99
50) Dimethylphthalate	13.79	163	442684	42.170	ng		99
51) 2,6-Dinitrotoluene	13.93	165	94863	42.904	ng		90
52) Acenaphthene	14.39	154	313207	42.044	ng		99
53) 3-Nitroaniline	14.26	138	30441	14.834	ng		98
54) 2,4-Dinitrophenol	14.48	184	87293	78.944	ng		86
55) Dibenzofuran	14.73	168	557030	44.330	ng		97
56) 4-Nitrophenol	14.57	139	113053	64.569	ng		90
57) 2,4-Dinitrotoluene	14.72	165	133997	44.600	ng		97
58) Fluorene	15.38	166	440618	42.697	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	148349	50.882	ng	#	91
60) Diethylphthalate	15.16	149	430617	40.715	ng		98
61) 4-Chlorophenyl-phenylether	15.37	204	274093	46.876	ng		92
62) 4-Nitroaniline	15.43	138	67822m	29.948	ng		
63) Azobenzene	15.67	77	467014	37.430	ng		97
65) 4,6-Dinitro-2-methylphenol	15.49	198	65300	42.285	ng		88
66) n-Nitrosodiphenylamine	15.60	169	383866	41.613	ng		99
67) 4-Bromophenyl-phenylether	16.27	248	174889	45.494	ng	#	89
68) Hexachlorobenzene	16.38	284	206331	46.642	ng	#	93
69) Atrazine	16.55	200	147044	40.789	ng		99
70) Pentachlorophenol	16.73	266	232000	91.660	ng		96
71) Phenanthrene	17.13	178	737903	42.641	ng		99
72) Anthracene	17.22	178	736793	42.584	ng		99
73) Carbazole	17.50	167	627411	40.188	ng		99
74) Di-n-butylphthalate	18.04	149	715761	38.097	ng		99
75) Fluoranthene	19.15	202	977502	44.644	ng		98
77) Benzidine	19.35	184	12166	1.072	ng	#	95
78) Pyrene	19.52	202	989824	41.535	ng		99
80) Butylbenzylphthalate	20.41	149	319667	36.886	ng		99
81) Benzo(a)anthracene	21.26	228	1012880	40.690	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	190821	20.085	ng	#	98
83) Chrysene	21.31	228	1010792	41.869	ng		100
84) Bis(2-ethylhexyl)phthalate	21.18	149	473184	35.187	ng	#	97
85) Di-n-octyl phthalate	22.06	149	852392	38.137	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.80	276	1349599	46.998	ng	#	100
88) Benzo(b)fluoranthene	22.84	252	1100068	41.217	ng		99
89) Benzo(k)fluoranthene	22.89	252	1098512m	45.121	ng		
90) Benzo(a)pyrene	23.43	252	1053742	43.466	ng		98
91) Dibenzo(a,h)anthracene	25.81	278	1162929	46.127	ng	#	98
92) Benzo(g,h,i)perylene	26.50	276	1135245	47.429	ng		96

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

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