Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020536.D
Acq On : 24 May 2019 03:24
Operator : JU/SJ
Sample : K2993-17MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2MS

Manual Integrations APPROVED
Sohil
5/24/2019 5:01:42 PM

Quant Time: May 24 06:10:26 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	55293	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	184851	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	115804	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	303651	20.00	ng		0.00
76) Chrysene-d12	21.27	240	369191	20.00	ng		-0.01
87) Perylene-d12	23.51	264	419251	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	354960	104.93	ng		0.00
7) Phenol-d6	6.85	99	462211	100.02	ng		0.00
23) Nitrobenzene-d5	8.84	82	302779	64.67	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	230611	128.30	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	618051	65.67	ng		0.00
79) Terphenyl-d14	19.71	244	1269150	59.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	46950	28.300	ng	#	83
3) Pyridine	3.58	79	70712	16.665	ng	#	88
4) n-Nitrosodimethylamine	3.50	42	34330	25.231	ng	#	47
6) Aniline	7.00	93	93574	16.086	ng		94
8) 2-Chlorophenol	7.23	128	114595	31.113	ng		95
9) Benzaldehyde	6.82	77	78137	22.340	ng		90
10) Phenol	6.87	94	159631	32.087	ng		90
11) bis(2-Chloroethyl)ether	7.10	93	110262	30.494	ng		95
12) 1,3-Dichlorobenzene	7.55	146	129077	30.120	ng		93
13) 1,4-Dichlorobenzene	7.70	146	130633	30.176	ng		95
14) 1,2-Dichlorobenzene	8.01	146	125246	30.367	ng		98
15) Benzyl Alcohol	7.92	79	102457	22.993	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	67048	22.362	ng		88
17) 2-Methylphenol	8.11	107	92266	28.811	ng		94
18) Hexachloroethane	8.73	117	50392	27.917	ng		88
19) n-Nitroso-di-n-propylamine	8.47	70	95683	24.201	ng		92
20) 3+4-Methylphenols	8.44	107	119278	28.024	ng		96
22) Acetophenone	8.50	105	174515	34.544	ng	#	94
24) Nitrobenzene	8.88	77	151614	31.231	ng		95
25) Isophorone	9.40	82	245628	30.421	ng		97
26) 2-Nitrophenol	9.58	139	50870	34.709	ng		93
27) 2,4-Dimethylphenol	9.64	122	83204	34.100	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	133021	30.249	ng		98
29) 2,4-Dichlorophenol	10.11	162	107420	34.913	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	137491	36.317	ng		97
31) Naphthalene	10.51	128	309023	32.215	ng		98
32) Benzoic acid	9.73	122	5041m	9.114	ng		
33) 4-Chloroaniline	10.64	127	60985	15.446	ng		95
34) Hexachlorobutadiene	10.77	225	99604	37.192	ng		96
35) Caprolactam	11.44	113	21534m	23.407	ng		
36) 4-Chloro-3-methylphenol	11.76	107	105853	29.276	ng		96
37) 2-Methylnaphthalene	12.13	142	222509	31.817	ng		98
38) 1-Methylnaphthalene	12.35	142	212287	31.043	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	173808	38.362	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	131852	49.426	ng		97
43) 2,4,6-Trichlorophenol	12.75	196	100963	39.210	ng		97
44) 2,4,5-Trichlorophenol	12.82	196	103271	35.901	ng		95
46) 1,1'-Biphenyl	13.15	154	305912	32.094	ng		99
47) 2-Chloronaphthalene	13.20	162	248777	32.689	ng		98
48) 2-Nitroaniline	13.42	65	62773	23.169	ng		91
49) Acenaphthylene	14.05	152	376068	30.877	ng		98
50) Dimethylphthalate	13.79	163	394674	40.099	ng		99
51) 2,6-Dinitrotoluene	13.92	165	66643	32.148	ng		95
52) Acenaphthene	14.39	154	222222	31.817	ng		98
53) 3-Nitroaniline	14.26	138	38893	20.214	ng		96
54) 2,4-Dinitrophenol	14.47	184	7153	14.631	ng		95
55) Dibenzofuran	14.73	168	399255	33.889	ng		97
56) 4-Nitrophenol	14.57	139	86024	52.403	ng		87
57) 2,4-Dinitrotoluene	14.72	165	92670	32.898	ng	#	92
58) Fluorene	15.38	166	319153	32.985	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	107419	39.296	ng		93
60) Diethylphthalate	15.16	149	301978	30.453	ng		98
61) 4-Chlorophenyl-phenylether	15.37	204	198642	36.234	ng	#	90
62) 4-Nitroaniline	15.43	138	43135	20.315	ng		94
63) Azobenzene	15.67	77	332218	28.399	ng		96
65) 4,6-Dinitro-2-methylphenol	15.48	198	15877	15.978	ng		96
66) n-Nitrosodiphenylamine	15.59	169	268963	30.102	ng		97
67) 4-Bromophenyl-phenylether	16.27	248	126223	33.899	ng		92
68) Hexachlorobenzene	16.37	284	152622	35.619	ng		93
69) Atrazine	16.55	200	103717	29.703	ng		98
70) Pentachlorophenol	16.73	266	127689	52.084	ng		99
71) Phenanthrene	17.12	178	537292	32.055	ng		100
72) Anthracene	17.22	178	529195	31.577	ng		99
73) Carbazole	17.49	167	452515	29.925	ng		98
74) Di-n-butylphthalate	18.04	149	496730	27.296	ng		98
75) Fluoranthene	19.14	202	714825	33.706	ng		99
77) Benzidine	19.34	184	18515	1.569	ng		97
78) Pyrene	19.51	202	732032	29.533	ng		99
80) Butylbenzylphthalate	20.41	149	208202	23.098	ng		96
81) Benzo(a)anthracene	21.26	228	777710	30.037	ng		99
82) 3,3'-Dichlorobenzidine	21.20	252	180404	18.256	ng	#	99
83) Chrysene	21.31	228	777061	30.946	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	325753	23.289	ng		97
85) Di-n-octyl phthalate	22.05	149	602789	25.929	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.79	276	1032594	34.572	ng	#	100
88) Benzo(b)fluoranthene	22.84	252	891752m	32.211	ng		
89) Benzo(k)fluoranthene	22.88	252	817065	32.354	ng		99
90) Benzo(a)pyrene	23.41	252	826205	32.855	ng		99
91) Dibenzo(a,h)anthracene	25.80	278	888427	33.972	ng		97
92) Benzo(g,h,i)perylene	26.49	276	867950	34.958	ng	#	96

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

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