Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020244.D
Acq On : 10 May 2019 16:28
Operator : JU/SJ
Sample : K2555-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HW-7MSD

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:12 AM

Quant Time: May 11 02:08:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	66232	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	283393	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	200670	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	515719	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	598816	20.00	ng		0.00
87) Perylene-d12	23.65	264	673888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	255807	63.13	ng		-0.01
7) Phenol-d6	6.94	99	236066	42.65	ng		-0.01
23) Nitrobenzene-d5	8.95	82	640506	89.23	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	459282	147.45	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1409635	86.43	ng		-0.02
79) Terphenyl-d14	19.80	244	3093782	90.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	28385	14.284	ng	#	93
3) Pyridine	3.69	79	76013	14.956	ng		96
4) n-Nitrosodimethylamine	3.61	42	26209	16.081	ng	#	81
6) Aniline	7.11	93	164011	23.537	ng		98
8) 2-Chlorophenol	7.34	128	158591	35.946	ng		95
9) Benzaldehyde	6.93	77	63203	15.086	ng		90
10) Phenol	6.97	94	82238	13.800	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	199491	46.059	ng		96
12) 1,3-Dichlorobenzene	7.66	146	188433	36.709	ng		96
13) 1,4-Dichlorobenzene	7.81	146	194585	37.524	ng		96
14) 1,2-Dichlorobenzene	8.12	146	190541	38.568	ng		98
15) Benzyl Alcohol	8.02	79	150033	28.108	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	160434	44.671	ng		98
17) 2-Methylphenol	8.22	107	124110	32.353	ng		96
18) Hexachloroethane	8.84	117	73606	34.043	ng		98
19) n-Nitroso-di-n-propylamine	8.58	70	222214	46.921	ng		95
20) 3+4-Methylphenols	8.55	107	145706	28.579	ng		96
22) Acetophenone	8.60	105	352691	45.537	ng	#	95
24) Nitrobenzene	8.99	77	315565	42.400	ng		95
25) Isophorone	9.50	82	581308	46.961	ng		98
26) 2-Nitrophenol	9.69	139	107167	47.696	ng		89
27) 2,4-Dimethylphenol	9.74	122	158650	42.411	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	310587	46.069	ng		99
29) 2,4-Dichlorophenol	10.22	162	196811	41.724	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	232649	40.084	ng		98
31) Naphthalene	10.62	128	628567	42.741	ng		99
32) Benzoic acid	9.84	122	35149	17.998	ng	#	90
33) 4-Chloroaniline	10.74	127	157106	25.955	ng		96
34) Hexachlorobutadiene	10.88	225	137777	33.557	ng		96
35) Caprolactam	11.60	113	11672m	8.275	ng		
36) 4-Chloro-3-methylphenol	11.86	107	220159	39.717	ng		95
37) 2-Methylnaphthalene	12.23	142	512310	47.784	ng		96
38) 1-Methylnaphthalene	12.45	142	497070	47.412	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	314009	39.996	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	294526	63.713	ng		99
43) 2,4,6-Trichlorophenol	12.84	196	198157	44.411	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	215157	43.164	ng		97
46) 1,1'-Biphenyl	13.25	154	719312	43.550	ng		99
47) 2-Chloronaphthalene	13.29	162	569502	43.185	ng		99
48) 2-Nitroaniline	13.51	65	214806	45.752	ng		91
49) Acenaphthylene	14.14	152	919221	43.554	ng		99
50) Dimethylphthalate	13.89	163	781196	45.803	ng		99
51) 2,6-Dinitrotoluene	14.01	165	171863	47.843	ng		90
52) Acenaphthene	14.49	154	544919	45.024	ng		99
53) 3-Nitroaniline	14.34	138	104604	31.375	ng		93
54) 2,4-Dinitrophenol	14.55	184	176717	96.284	ng		90
55) Dibenzofuran	14.82	168	928432	45.478	ng		96
56) 4-Nitrophenol	14.65	139	88560	31.133	ng		88
57) 2,4-Dinitrotoluene	14.80	165	249169	51.047	ng		93
58) Fluorene	15.47	166	776636	46.321	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	214407	45.264	ng		96
60) Diethylphthalate	15.24	149	790369	45.997	ng		100
61) 4-Chlorophenyl-phenylether	15.46	204	434722	45.761	ng		95
62) 4-Nitroaniline	15.51	138	163035m	44.310	ng		
63) Azobenzene	15.76	77	867159	42.778	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	121743	46.967	ng		93
66) n-Nitrosodiphenylamine	15.69	169	689987	45.468	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	275910	43.629	ng		95
68) Hexachlorobenzene	16.46	284	320787	44.080	ng		98
69) Atrazine	16.64	200	269852	45.503	ng		99
70) Pentachlorophenol	16.82	266	373237	89.638	ng		97
71) Phenanthrene	17.21	178	1301354	45.713	ng		100
72) Anthracene	17.30	178	1328565	46.677	ng		100
73) Carbazole	17.58	167	1199459	46.703	ng		98
74) Di-n-butylphthalate	18.13	149	1427866	46.198	ng		99
75) Fluoranthene	19.23	202	1720155	47.756	ng		99
77) Benzidine	19.42	184	617951	32.278	ng		100
78) Pyrene	19.60	202	1779405	44.260	ng		100
80) Butylbenzylphthalate	20.49	149	727433	49.755	ng		98
81) Benzo(a)anthracene	21.34	228	1871094	44.555	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	528262	32.959	ng		100
83) Chrysene	21.40	228	1851069	45.450	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1067403	47.050	ng		98
85) Di-n-octyl phthalate	22.15	149	1884681	49.983	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2128112	43.929	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2046331	45.985	ng		100
89) Benzo(k)fluoranthene	23.00	252	2025000	49.886	ng		99
90) Benzo(a)pyrene	23.55	252	1947525	48.182	ng		98
91) Dibenzo(a,h)anthracene	26.00	278	1866870	44.412	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1672065	41.897	ng		99

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

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